# User Manual: Bualuang i-Trading

**www.bualuang.co.th**

**Content** **Page**

**1.Required Software and Downloading ..... 3**
1.1. IE6 sp1 ..... 3
1.2. MS Virtual Machine ..... 4
1.3. Acrobat Reader ..... 5
1.4. File: root.cer for Windows XP sp2 ..... 6
**2. Setting in Internet Options ..... 6**
2.1. General Tab ..... 6
2.2. Security Tab ..... 7
2.3. Privacy Tab ..... 7
2.4. Advanced Tab ..... 8
**3. Password and PIN ..... 8**
**4. Site Navigation with Menu and Shortcuts ..... 9**
4.1. Menu system ..... 9
4.2. Shortcuts ..... 9
**5. Log-in and Real Time Module Installation ..... 10**
**6. Screen List ..... 11**
**7. Opening More Than One Screen Simultaneously ..... 12**
**8. Order Sending, Canceling, and Status ..... 13**
8.1. Sending Orders ..... 13
8.2. Cursor Moving with Tab button & Buy/Sell and Flag Selection with Arrow Up-Down button .. 13
8.3. Status of Order ..... 14
8.4. Internet Order Canceling ..... 14
**9. Today Confirm ..... 14**
**10. Appendix ..... 15**
a) Internet and Problem Solving ..... 15
a.1) Connection with a modem ..... 15
a.2) Signal quality due to telephone line ..... 15
a.3) Connection Status ..... 16
a.4) Status of the PC ..... 16
a.5) ISP Policy on Specific Info Transmission Port ..... 16
a.6) Frequently Found Abnormality ..... 17
a.7) Selecting ISP ..... 17
a.8) Connection via LAN ..... 17
a.9) Inertia of Content Change ..... 18
a.10) Corporate Policy on Software Installation and Internet Usage ..... 18
a.11) Specific Info Port Allowing Policy ..... 18
a.12) URL Blocking ..... 18
b) Display Monitor Resolution Setting ..... 19
c) Shortcut-to-www.bualuang.co.th Creating and Default Homepage Setting ..... 19
d) Internet Explorer Menu Bar Size Reduction ..... 20
e) Screen Captures & Value Reading ..... 21
e.1) Mkt Summary ..... 21
e.2) Mkt Ranking ..... 21
e.3) Mkt Closing ..... 22
e.4) Big Lot ..... 22
e.5) Odd Lot ..... 22
e.6) Sector Ranking ..... 23
e.7) Sector Closing ..... 23
e.8) Transaction ..... 23
e.9) Stock Closing ..... 24
e.10) Daily Quotation ..... 24

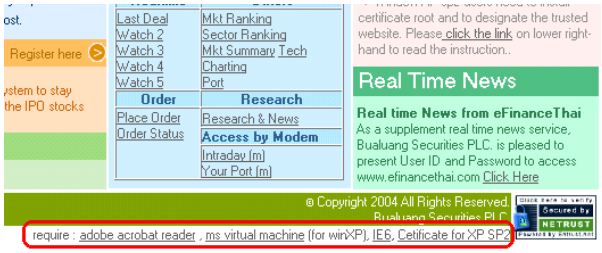
e.11) Closing Download ..... 25
e.12) Technical Charting ..... 25
e.13) Intraday (m) ..... 30
e.14) Active ..... 30
e.15) Last Deal ..... 31
e.16) Watch 2 ..... 31
e.17) Watch 3 ..... 33
e.18) Watch 4 ..... 34
e.19) Watch 5 ..... 34
e.20) Port ..... 35
e.21) My Port (m) ..... 35
e.22) Port Movement ..... 36
e.23) AR/AP (Account Receivable – Payable) ..... 37
e.24) Acc Corp Action ..... 37
e.25) e-Report ..... 38
e.26) BLS Research & News ..... 39
e.27) Place Order ..... 40
e.28) Order Status ..... 40
e.29) Today Confirm ..... 41
e.30) Q-Trade ..... 41
e.31) Q-Port ..... 41
e.32) Q-Status ..... 42
e.33) Q-Confirm ..... 42

# 1.Required Software and Downloading

The required software is:

1. Internet Explorer 6 SP1 or higher
2. MS Virtual Machine for Window XP
3. Acrobat Reader 5.0 or higher
4. Root.cer for Windows XP sp2

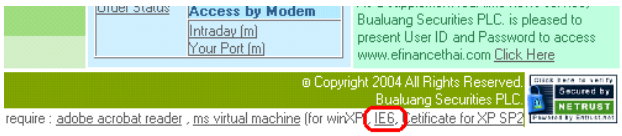
It can be downloaded from the lower right links on the home page as follow:



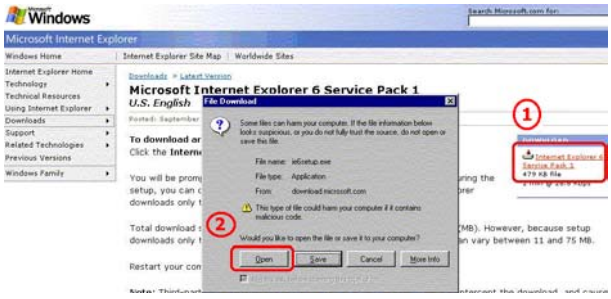

## 1.1. IE6 sp1

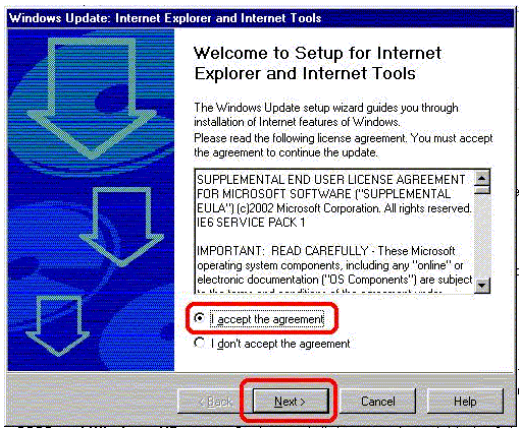
For Windows 98, 2000, NT, XP sp1 users please do the following:

1. Right click the IE6 link and choose "Open" to enter Microsoft Internet Explorer website
2. Click "Install Internet Explorer 6 SP1"
3. Left click the Go button on the Download page
4. Left click "Internet Explorer 6 Service Pack 1" then choose Open or Run. The program will start downloading and installation
5. Choose "I accept the Agreement" and click "Next" in Window Update Pop-up
6. Click "Next" or "Yes" until the installation is finished. Normally it takes 10-20 minutes for 56K modem.


Access by Modem
Intraday [m]
Your Port [m]
Bualuang Securities PLC. is pleased to present User ID and Password to access www.efinancethai.com Click Here
© Copyright 2004 All Rights Reserved
Bualuang Securities PLC.
require : adobe acrobat reader , ms virtual machine (for winXP), IE6, Cetificate for XP SP2

Internet Explorer 6 Service Pack 1
Internet Explorer 6 Service Pack 1 (SP1) is the latest version of Internet Explorer and includes a full installation of the Web browser.
Internet Explorer 6 SP1 is the most recent version of the Internet Explorer 6 core technologies in Microsoft Windows® XP Home Edition and Windows XP Professional.
DOWNLOAD
Select Language:
English
Go

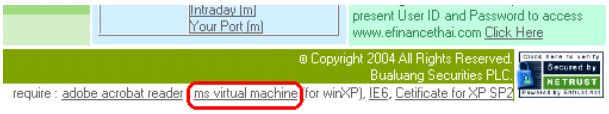


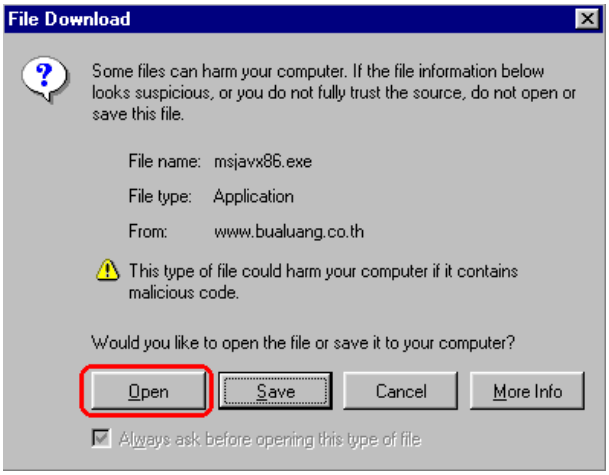


Windows Update: Internet Explorer and Internet Tools
Welcome to Setup for Internet Explorer and Internet Tools
The Windows Update setup wizard guides you through installation of Internet features of Windows.
Please read the following license agreement. You must accept the agreement to continue the update.
SUPPLEMENTAL END USER LICENSE AGREEMENT FOR MICROSOFT SOFTWARE ("SUPPLEMENTAL EULA") (c)2002 Microsoft Corporation. All rights reserved.
IE6 SERVICE PACK 1
IMPORTANT: READ CAREFULLY - These Microsoft operating system components, including any "online" or electronic documentation ("OS Components") are subject
I accept the agreement
I don't accept the agreement
< Back
Next >
Cancel
Help

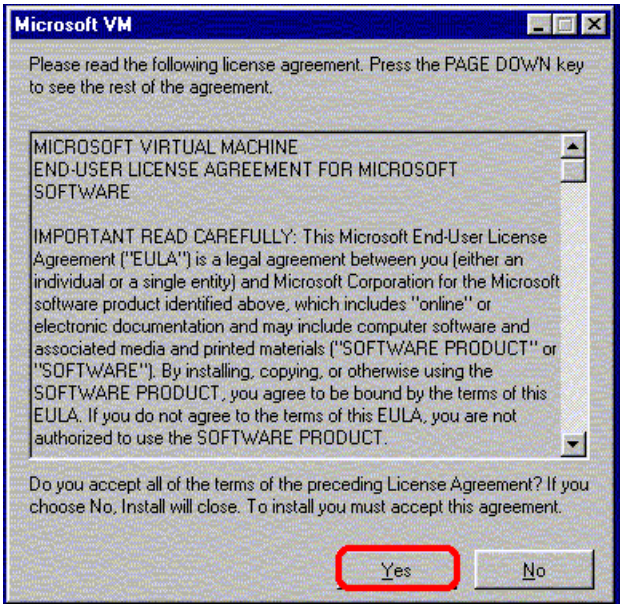
## 1.2. MS Virtual Machine

For Windows XP sp1 and sp2 users please do the following:

1. Right click at the ms virtual machine link and choose "Open".
2. Click "Open" on File Download pop-up.
3. Click "Yes" to accept the agreement
4. When the installation is completed, close and re-launch the Internet Explorer to start the MS Virtual Machine

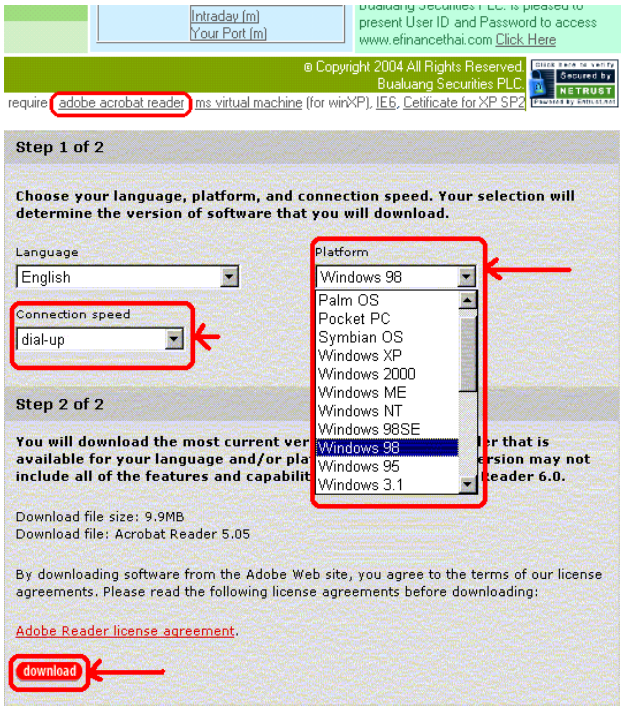

[Intraday (m)]
Your Port (m)
present User ID and Password to access
www.efinancethai.com Click Here
© Copyright 2004 All Rights Reserved
Bualuang Securities PLC
require : adobe acrobat reader ms virtual machine (for winXP), IE6, Cetificate for XP SP2

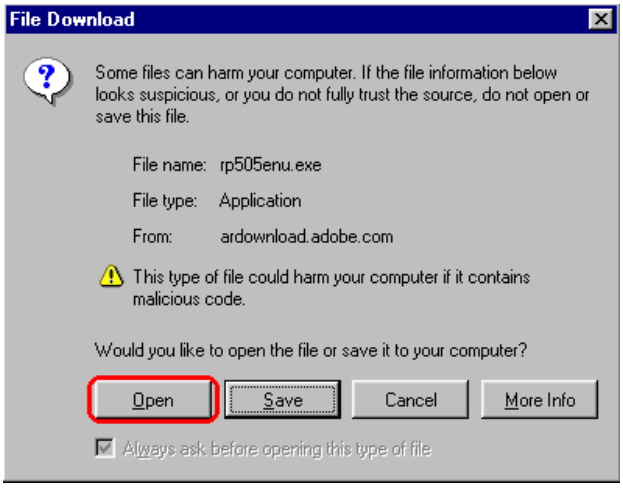

File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: msjavx86.exe
File type: Application
From: www.bualuang.co.th
This type of file could harm your computer if it contains malicious code.
Would you like to open the file or save it to your computer?
Open
Save
Cancel
More Info
Always ask before opening this type of file


Microsoft VM
Please read the following license agreement. Press the PAGE DOWN key to see the rest of the agreement.
MICROSOFT VIRTUAL MACHINE
END-USER LICENSE AGREEMENT FOR MICROSOFT SOFTWARE
IMPORTANT READ CAREFULLY: This Microsoft End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation for the Microsoft software product identified above, which includes "online" or electronic documentation and may include computer software and associated media and printed materials ("SOFTWARE PRODUCT" or "SOFTWARE"). By installing, copying, or otherwise using the SOFTWARE PRODUCT, you agree to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, you are not authorized to use the SOFTWARE PRODUCT.
Do you accept all of the terms of the preceding License Agreement? If you choose No, Install will close. To install you must accept this agreement.
Yes
No

## 1.3. Acrobat Reader

1. Left click the Acrobat Reader link to enter Adobe website
2. Specify the Window version and connection speed to the Internet then click "Download"
3. Click "Open" in File Download Pop-up
4. Select "Accept the Agreement", "Yes" and "Next" until the installation is completed

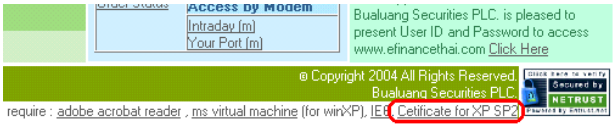

Intraday (m)
Your Port (m)
present User ID and Password to access
www.efinancethai.com Click Here
© Copyright 2004 All Rights Reserved
Bualuang Securities PLC
require adobe acrobat reader ms virtual machine (for winXP), IE6, Cetificate for XP SP2
Step 1 of 2
Choose your language, platform, and connection speed. Your selection will determine the version of software that you will download.
Language
English
Platform
Windows 98
Palm OS
Pocket PC
Symbian OS
Windows XP
Windows 2000
Windows ME
Windows NT
Windows 98SE
Windows 98
Windows 95
Windows 3.1
Connection speed
dial-up
Step 2 of 2
Download file size: 9.9MB
Download file: Acrobat Reader 5.05
By downloading software from the Adobe Web site, you agree to the terms of our license agreements. Please read the following license agreements before downloading:
Adobe Reader license agreement.
download

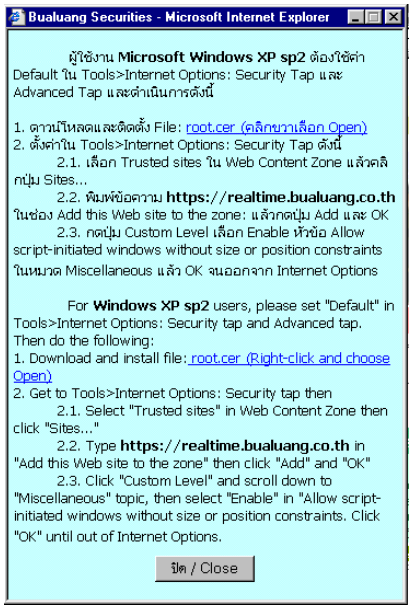

File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: rp505enu.exe
File type: Application
From: ardownload.adobe.com
This type of file could harm your computer if it contains malicious code.
Would you like to open the file or save it to your computer?
Open
Save
Cancel
More Info
Always ask before opening this type of file

### 1.4. File: root.cer for Windows XP sp2

Windows XP sp2 users need to install file: root.cer and add "Trusted Site" by clicking the link:

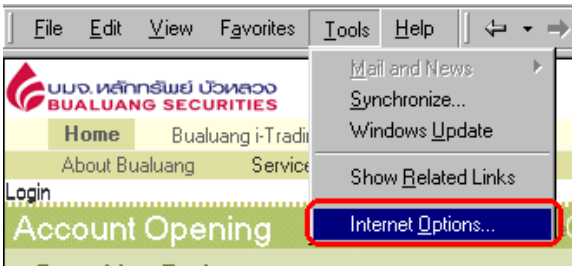
1. Download and install File: root.cer (Right-click, Open, Open, Install, Next until it is finished)
2. Do setting in Tools>Internet Options: Security Tap as follow:
   a. Click "Trusted sites" in Web Content Zone then click the button "Sites..."
   b. Type "https://realtime.bualuang.co.th" in "Add this Web site to the zone:" then click "Add" and OK
3. Click "Custom Level" and choose "Enable" in "Allow script-initiated windows without size or position constraints in Miscellaneous then OK until out of Internet Options


Access by Modem
Intraday (m)
Your Port (m)
Bualuang Securities PLC. is pleased to present User ID and Password to access www.efinancethai.com Click Here
© Copyright 2004 All Rights Reserved. Bualuang Securities PLC.
require : adobe acrobat reader , ms virtual machine (for winXP), IE6 Cetificate for XP SP2


Bualuang Securities - Microsoft Internet Explorer
ผู้ใช้งาน Microsoft Windows XP sp2 ต้องใช้ค่า Default ใน Tools>Internet Options: Security Tap และ Advanced Tap และดำเนินการดังนี้
1. ดาวน์โหลดและติดตั้ง File: root.cer (คลิกขวาเลือก Open)
2. ตั้งค่าใน Tools>Internet Options: Security Tap ดังนี้
2.1. เลือก Trusted sites ใน Web Content Zone แล้วคลิกปุ่ม Sites...
2.2. พิมพ์ข้อความ https://realtime.bualuang.co.th ในช่อง Add this Web site to the zone: แล้วกดปุ่ม Add และ OK
2.3. กดปุ่ม Custom Level เลือก Enable หัวข้อ Allow script-initiated windows without size or position constraints ในหมวด Miscellaneous แล้ว OK จนออกจาก Internet Options
For Windows XP sp2 users, please set "Default" in Tools>Internet Options: Security tap and Advanced tap. Then do the following:
1. Download and install file: root.cer (Right-click and choose Open)
2. Get to Tools>Internet Options: Security tap then
2.1. Select "Trusted sites" in Web Content Zone then click "Sites..."
2.2. Type https://realtime.bualuang.co.th in "Add this Web site to the zone" then click "Add" and "OK"
2.3. Click "Custom Level" and scroll down to "Miscellaneous" topic, then select "Enable" in "Allow script-initiated windows without size or position constraints. Click "OK" until out of Internet Options.
ปิด / Close

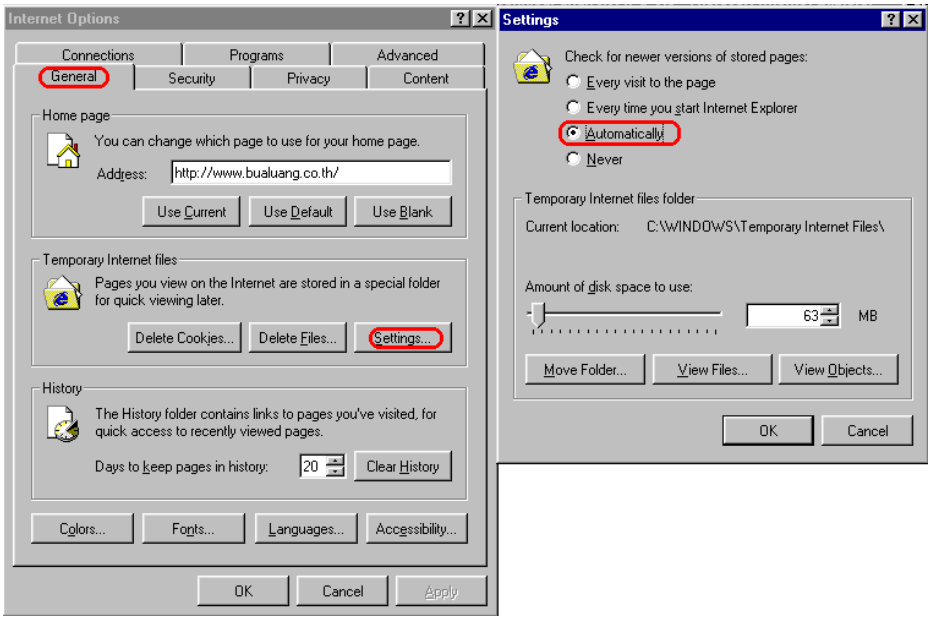
## 2. Setting in Internet Options

Click Tools>Internet Options




### 2.1. General Tab

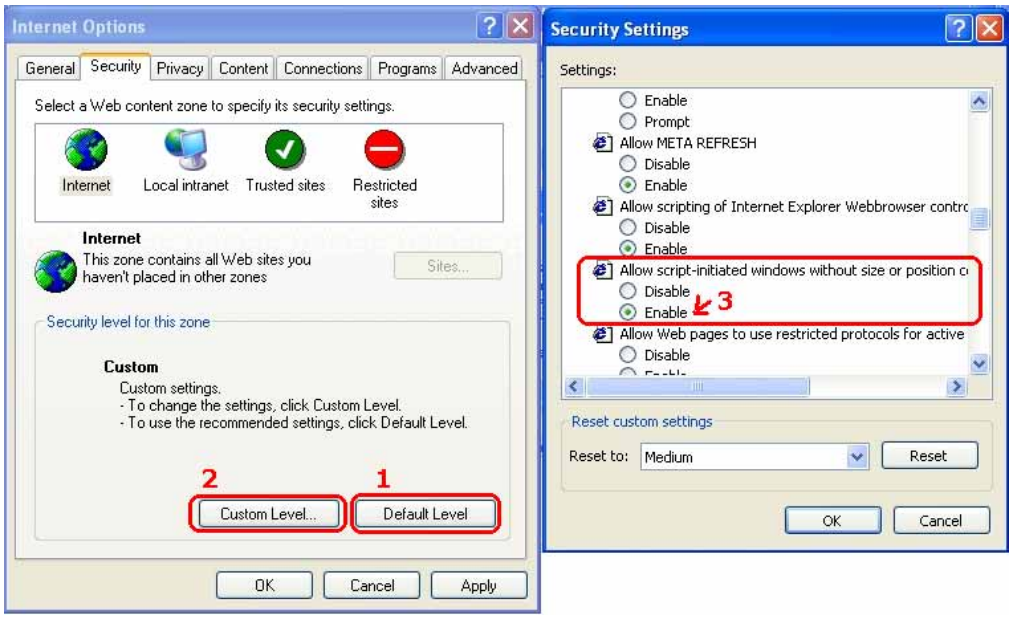
Click "Settings..." choose "Automatically".



## 2.2. Security Tab

Windows XP sp2 users need to do setting in Security Tab after installing file: root.cer

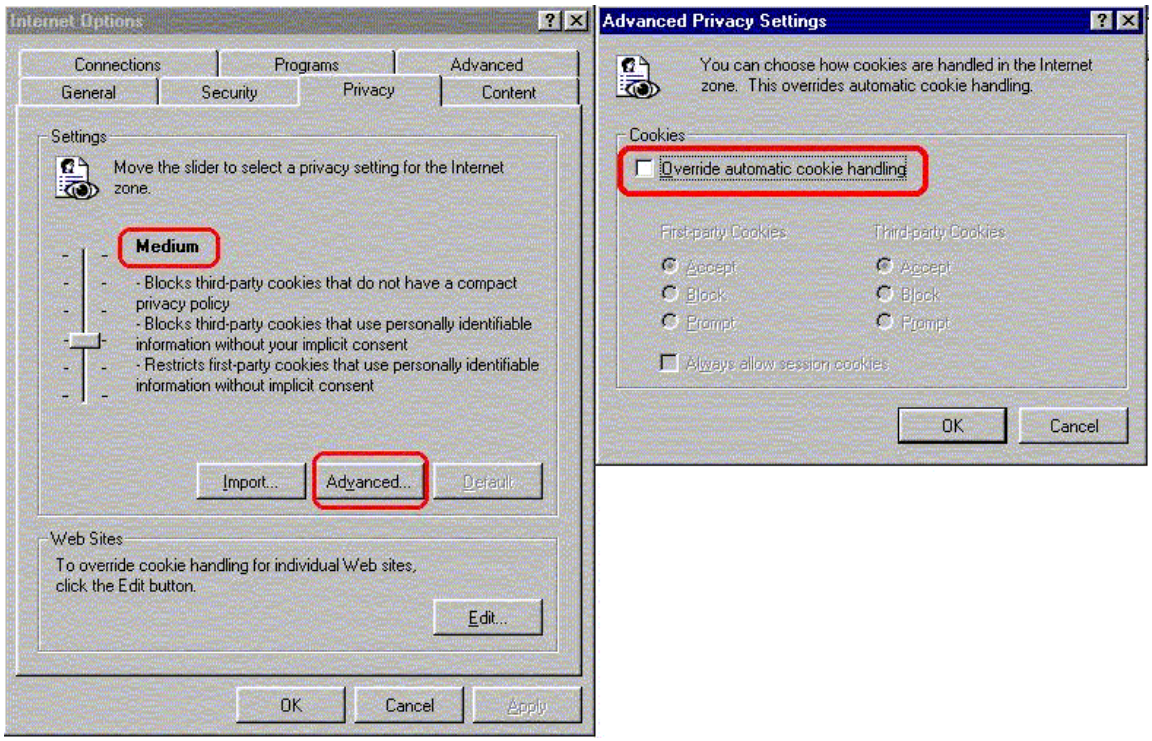
1. Click "Default Level" button
2. Click "Custom Level" and "Enable" in "Allow script-initiated windows without size or position constraints




## 2.3. Privacy Tab

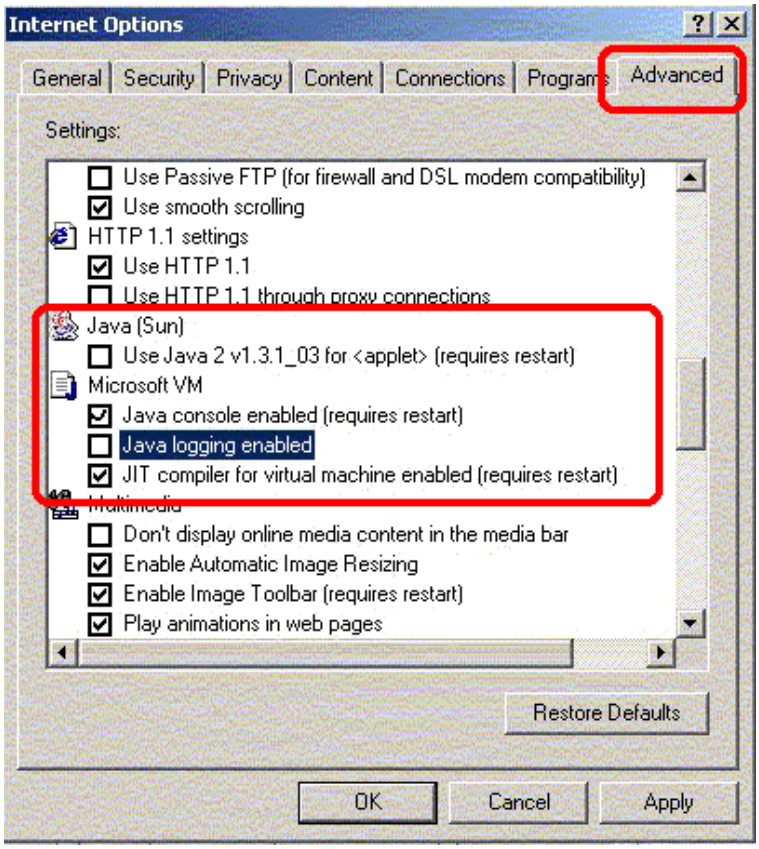
Make sure that it is in default setting as follow:

1. Click Privacy Tab and make sure that it is Medium Setting
2. Click "Advanced" and **uncheck** "Override automatic cookies handling"



### 2.4. Advanced Tab

Make sure that Java console และ JIT complier are checked in Microsoft VM and **unchecked** all Java (Sun) as shown.




## 3. Password and PIN

A client who opens an account and applys for Bualuang i-Trading service will receive two postal slips containing account number, password, and PIN.

The **account number** and **password** are for logging into the website for securities real-time price information, status of order sent via the account officer, portfolio detail, research publication, etc. The **PIN** is for order sending over the Internet.

The system will forced-change the **password** the first log into the website. Should you want to use a single password for the website and trading room computer facilities, you may change back to original issued password after the forced-change.

The **password** will be valid for 3 month after each change. The forced-change will recur once it is expired. Should you want to use the same password, you may change back after the forced-change.

Should you forget the password, you may contact the Web Services unit for resetting and sending new password to your e-mail.

**PIN** cannot be changed on the website. In case you forget or want to change for security reason, please contact the Web Services for re-issuing only by postal mail.

# 4. Site Navigation with Menu and Shortcuts

You can enter a page 2 ways:

1. Using the menu
2. Using the Shortcuts from the home page

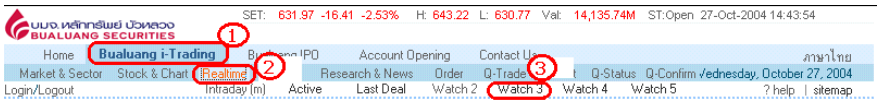
## 4.1. Menu system

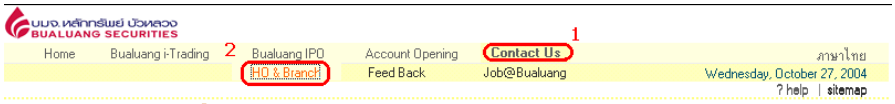
The menu is consist of 3 levels:
Level 1 indicates Service
Level 2 indicates Group
Level 3 indicates Page Name

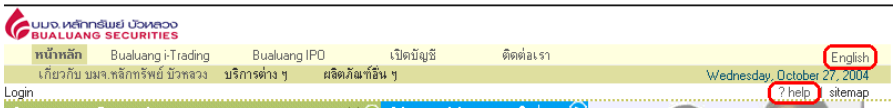
Click the menu from level 1>2>3 respectively to enter or to change the page. For example, to view real time stock prices click Bualuang i-Trading>Real Time>Watch 3

Or to find a BLS office click Contact Us>HO & Branch

To select English language or to open the ?help page, you may click at English, and ?help respectively.

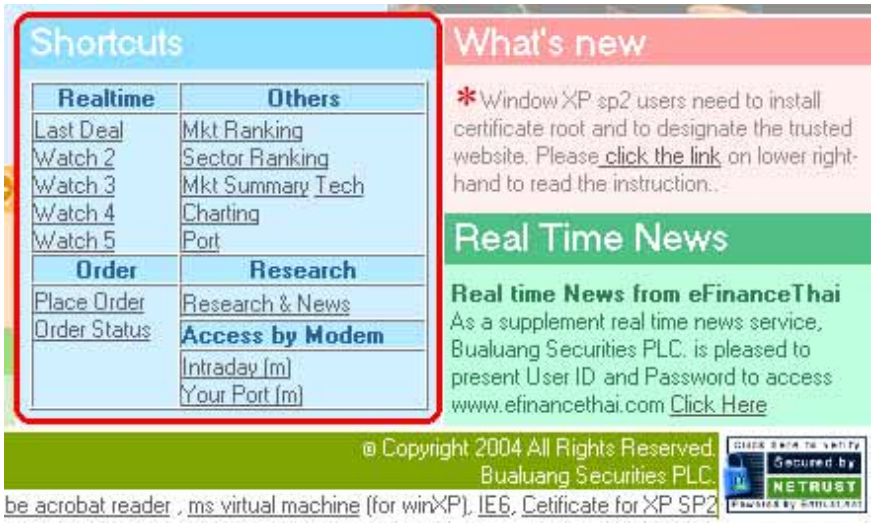



## 4.2. Shortcuts

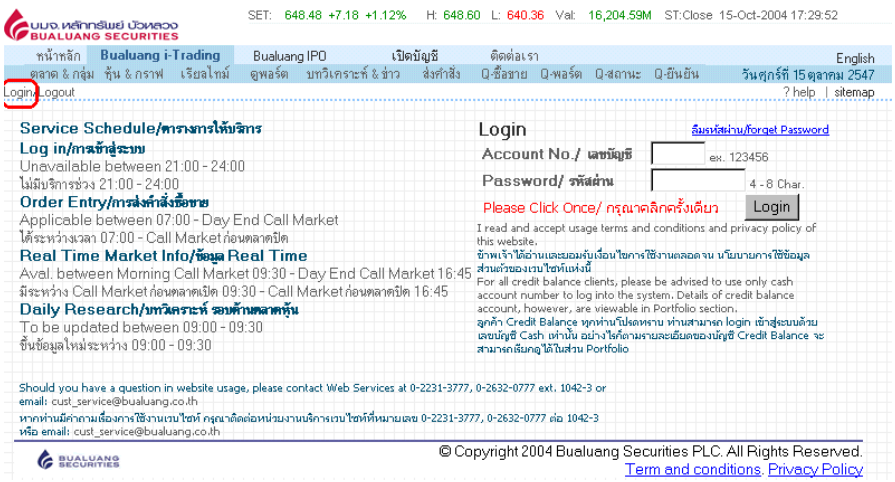
There are shortcuts to pages on the home page. They are grouped according to the displaying information.


Shortcuts
Realtime
Others
Last Deal
Watch 2
Watch 3
Watch 4
Watch 5
Mkt Ranking
Sector Ranking
Mkt Summary Tech
Charting
Port
Order
Research
Place Order
Order Status
Research & News
Access by Modem
Intraday (m)
Your Port (m)
What's new
*Window XP sp2 users need to install certificate root and to designate the trusted website. Please click the link on lower right-hand to read the instruction..
Real Time News
Real time News from eFinanceThai
As a supplement real time news service, Bualuang Securities PLC. is pleased to present User ID and Password to access www.efinancethai.com Click Here
© Copyright 2004 All Rights Reserved.
Bualuang Securities PLC.
be acrobat reader , ms virtual machine (for winXP), IE6, Cetificate for XP SP2
Secured by
NETRUST

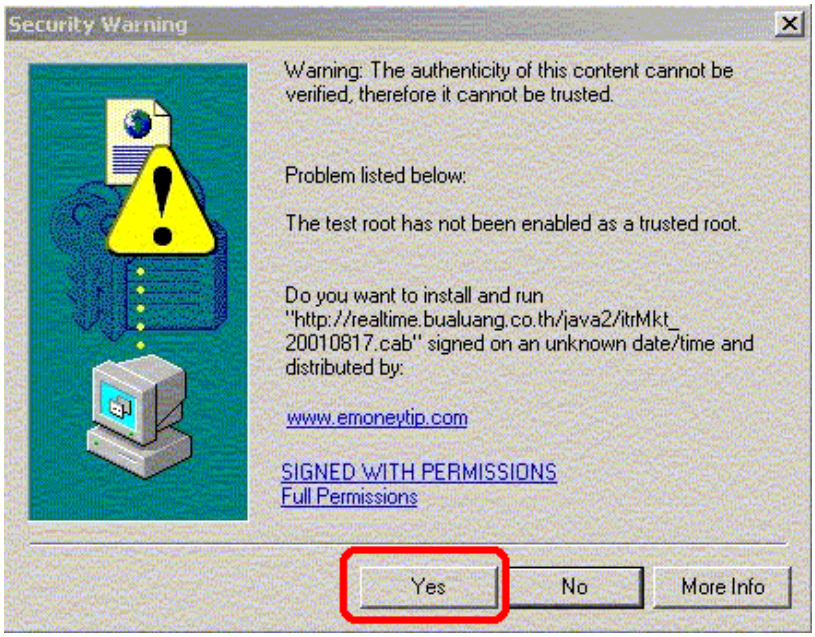
# 5. Log-in and Real Time Module Installation

The login page will prompt up automatically when it is required.

Or you may call the login function by clicking the login button on the upper left hand side of the screen.


SET: 648.48 +7.18 +1.12% H: 648.60 L: 640.36 Val: 16,204.59M ST:Close 15-Oct-2004 17:29:52
Bualuang i-Trading
Bualuang IPO
เปิดบัญชี
ติดต่อเรา
English
Login Logout
? help | sitemap
Service Schedule/ตารางการให้บริการ
Log in/การเข้าสู่ระบบ
Unavailable between 21:00 - 24:00
ไม่มีบริการช่วง 21:00 - 24:00
Order Entry/การส่งคำสั่งซื้อขาย
Applicable between 07:00 - Day End Call Market
ได้ระหว่างเวลา 07:00 - Call Market ก่อนตลาดปิด
Real Time Market Info/ข้อมูล Real Time
Aval. between Morning Call Market 09:30 - Day End Call Market 16:45
มีระหว่าง Call Market ก่อนตลาดเปิด 09:30 - Call Market ก่อนตลาดปิด 16:45
Daily Research/บทวิเคราะห์ รอบด้านตลาดหุ้น
To be updated between 09:00 - 09:30
ขึ้นข้อมูลใหม่ระหว่าง 09:00 - 09:30
Login
Account No./ เลขบัญชี
ex. 123456
Password/ รหัสผ่าน
4 - 8 Char.
Please Click Once/ กรุณาคลิกครั้งเดียว
Login
I read and accept usage terms and conditions and privacy policy of this website.
For all credit balance clients, please be advised to use only cash account number to log into the system. Details of credit balance account, however, are viewable in Portfolio section.
Should you have a question in website usage, please contact Web Services at 0-2231-3777, 0-2632-0777 ext. 1042-3 or email: cust_service@bualuang.co.th
© Copyright 2004 Bualuang Securities PLC. All Rights Reserved.
Term and conditions. Privacy Policy

Upon the first visit, click "Yes" when you are asked to install and run http://realtime.bualuang.co.th/.....


Security Warning
Warning: The authenticity of this content cannot be verified, therefore it cannot be trusted.
Problem listed below:
The test root has not been enabled as a trusted root.
Do you want to install and run "http://realtime.bualuang.co.th/java2/itrMkt_20010817.cab" signed on an unknown date/time and distributed by:
www.emoneytip.com
SIGNED WITH PERMISSIONS
Full Permissions
Yes
No
More Info

On Windows XP sp2 if file: root.cer has not been installed and adding a trusted site is yet done, an unknown publisher pop-up will be prompted. Refer to file: root.cer for windows XP sp2 for instruction.

Internet Explorer - Security Warning
Windows has blocked this software because it can't verify the publisher.
Name: itrMkt_20010817.cab
Publisher: Unknown Publisher
OK
To help protect your computer, Windows will block software when it cannot verify the publisher. See how this helps protect your computer.

# 6. Screen List

| Menu Level 2 / Menu Level 3 | Displayed Information |
|---|---|
| **Market & Sector** | |
| Mkt Summary | The moment overview of market condition, foreign index, foreign exchange, and recommendation from BLS |
| Mkt Ranking | Most Active, Top Gainers and Losers, etc. in main and foreign boards of the latest trading day |
| Mkt Closing | SET index statistics traceable back to October 1997 |
| Big Lot | Big lot trading by Put Through process of today or the latest trading day |
| Odd Lot | Odd lot trading of today or the latest trading day |
| Sector Ranking | Sector trading info sortable by value or change percentage of today or the latest trading day |
| Sector Closing | Sector index statistics traceable back to October 1997 |
| **Stock & Chart** | |
| Transaction | Stock transaction detailed by time or price spread |
| Stock Closing | Stock price statistics traceable back to January 1998 |
| Daily Quotation | 3 Months daily stock prices data in pdf file format |
| Data Download | 3 Month daily stock price downloadable |
| Tech Charting | Live charting tool with 3 years data of stocks, sector, index |
| **Realtime** | |
| Intraday (m) | Intraday price of 1 stock with cross reference to news and research, viewable only when connect with modem |
| Last Deal | Market ticker |
| Active | Stock trading displayed by all traded price spreads |
| Watch 2 | Full trading detail of 1 stock and 80 watch list in 4 groups |
| Watch 3 | 80 Watch list in 4 groups with filterable market ticker |
| Watch 4 | 4 Stocks in 3 Bid/Offer format and market ticker |
| Watch 5 | 8 Stocks in 3 Bid/Offer format |
| **Portfolio** | |
| Port | Stocks detail in your portfolio with Unrealize/Realize Profit, auto-refresh |
| My Port (m) | Stocks detail in your portfolio, viewable only when connect with modem |
| Port Movement | 3 Month movement record of your portfolio |
| AR/AP | Your account receivable and payable |
| Acc Corp Action | Right and exercise record of your account |
| e-Report | Transaction confirmation record paper |
| Change Password | Bualuang i-Trading password change function |
| **Research & News** | |
| BLS Research & News | BLS research publication center; fundamental and technical analysis, investment strategy, news |
| SET News | Link to SET website for market news |
| Company News | Link to SET website for listed company news |
| Company Info | Link to SET website for listed company financial data and ratio |
| **Order** | |
| Place Order | Order sending page with 1 stock real time price info |
| Order Status | Order status, sending and cancellation page |
| Today Confirm | Matched order summary sorted by stock and buy/sell side |
| **Q-Trade** | Express order-entry pop-up, can be used with other real-time screen |
| **Q-Port** | Express portfolio pop-up, can be used with other real-time screen |
| **Q-Status** | Express order status pop-up, can be used with other real-time screen |
| **Q-Confirm** | Express matched order summary pop-up, can be used with other real-time screen |

# 7. Opening More Than One Screen Simultaneously

Two or more screens can be opened simultaneously using the File>New>Window command on the Internet Explorer after log in.

No login is necessary for the second screens onward.

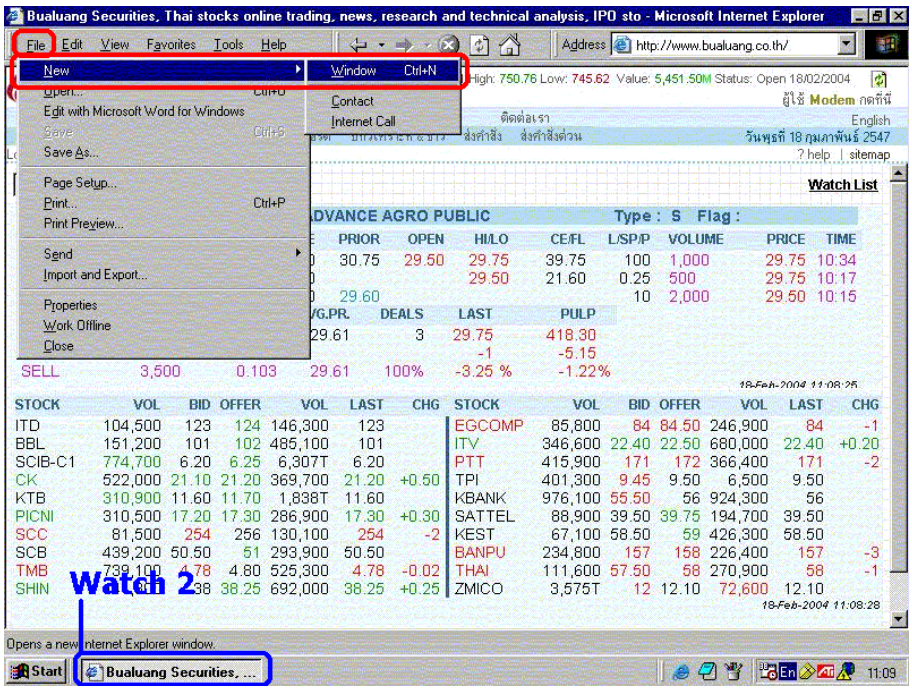
You can switch the screen by clicking the relevant button on the bottom tool bar as shown.

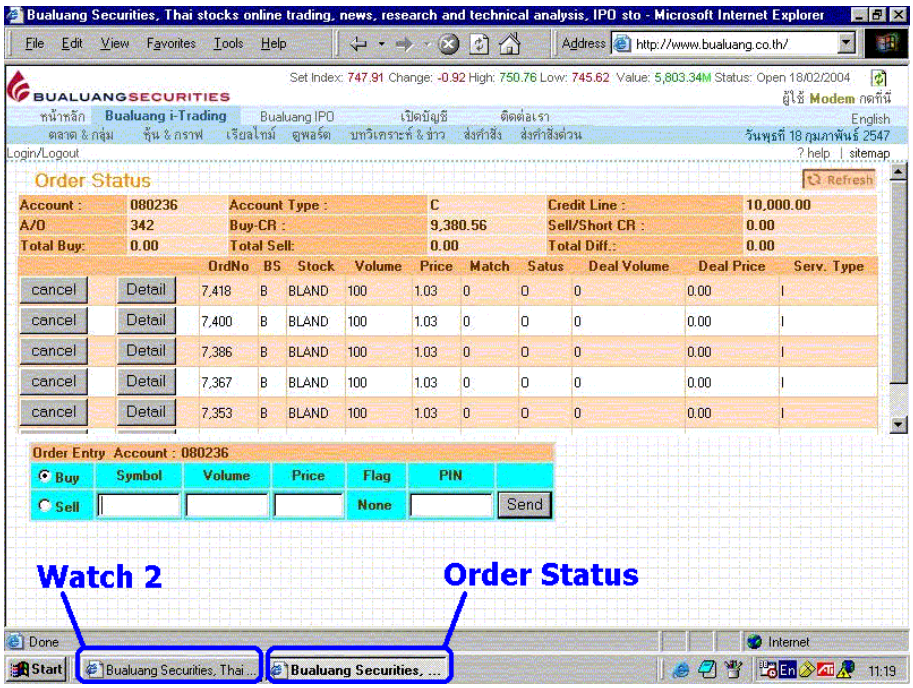
How many screens you can open depends on the CPU speed and the Internet connection.

### Caution

Logging out of one screen will log out every screen all together.

Do not open a new screen by re-launching the Internet Explorer and re-login. Doing so will logout all previous screens.


Bualuang Securities, Thai stocks online trading, news, research and technical analysis, IPO sto - Microsoft Internet Explorer
File Edit View Favorites Tools Help
New
Window Ctrl+N
Contact
Internet Call
Watch 2
Opens a new Internet Explorer window.
Start
Bualuang Securities, ...



# 8. Order Sending, Canceling, and Status

## 8.1. Sending Orders

You can send orders from 3 pages:

1. **Q-Trade**: in conjunction with any real time page
2. **Order Status**
3. **Place Order**

Click "Buy" for buying (Blue). Click "Sell" for selling (Pink).

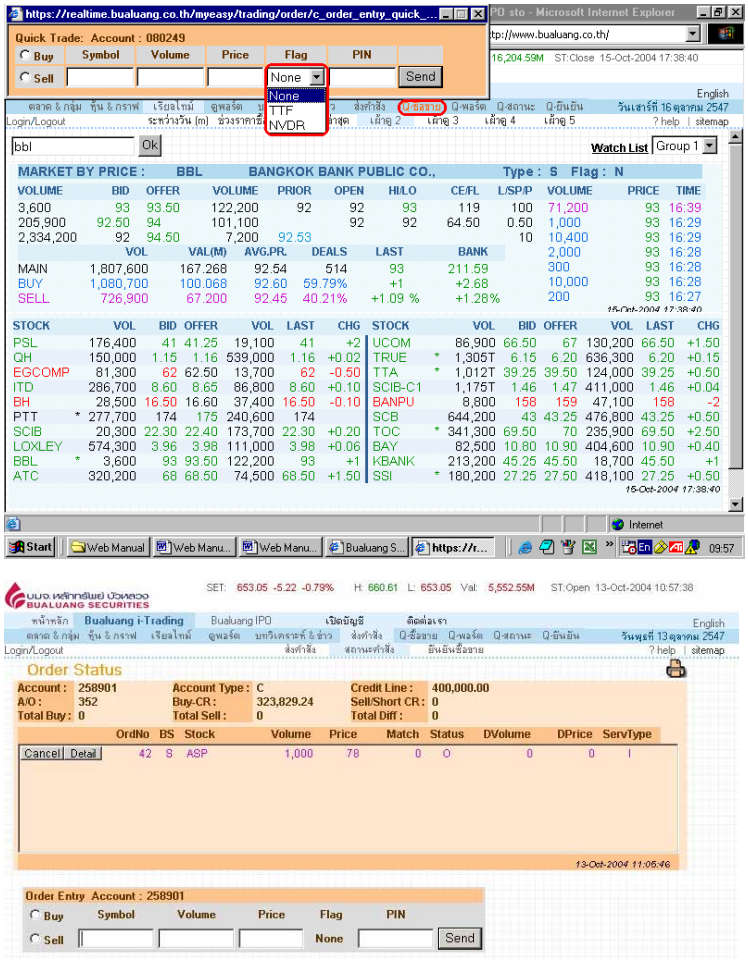
You need to fill out all spacing including PIN, then click Send.

Select NVDR or TTF flag if you want to order relevant securities.

The system will reject orders that are over credit limit, short selling, over 10 millions Baht, and ill spreading priced.

Ordering odd lot is done by input volume up to 99 shares.

The system starts accepting orders from 0700 a.m. on the trading day. Orders stand in effect until the market is closed. The unmatched orders from the previous day are cancelled at 0600 a.m.

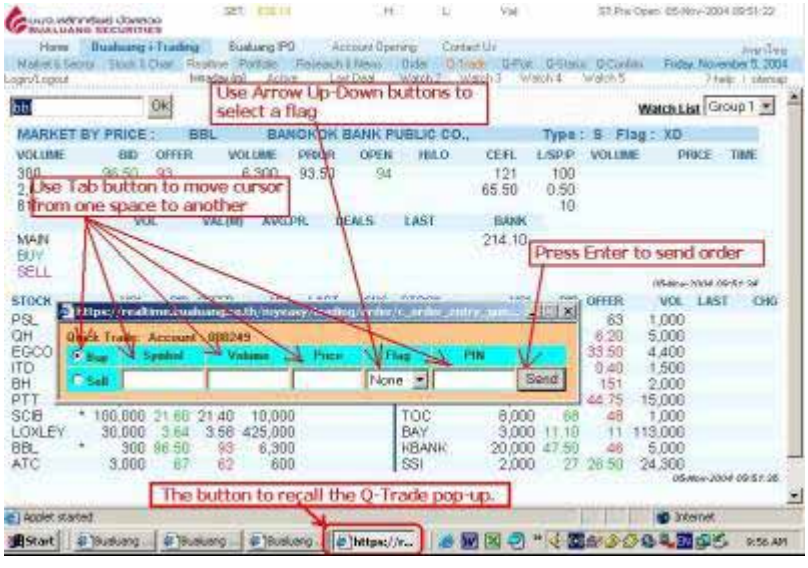



## 8.2. Cursor Moving with Tab button & Buy/Sell and Flag Selection with Arrow Up-Down button

You may move the cursor from Buy/Sell>Symbol>Volume>Price >Flag>PIN with Tab button on the keyboard and may select Buy/Sell and Flag with the Arrow Up-Down buttons during order input.

Once PIN is input, you may press Enter button to send order without mouse using.

Using Q-Trade, you may recall the opened pop-up by clicking the button on the toolbar.


Use Arrow Up-Down buttons to select a flag
Use Tab button to move cursor from one space to another
Press Enter to send order
The button to recall the Q-Trade pop-up.

### 8.3. Status of Order

You can monitor in **Order Status** of both self-sending orders over the Internet and those executed for by the account officer.

Status is shown in abbreviation as in the right table.

Click the Detail button to view the receipt time stamp.

NVDR is designated with Colon (:) such as BANPU:

TTF is designated with plus sign (+) such as TTA+

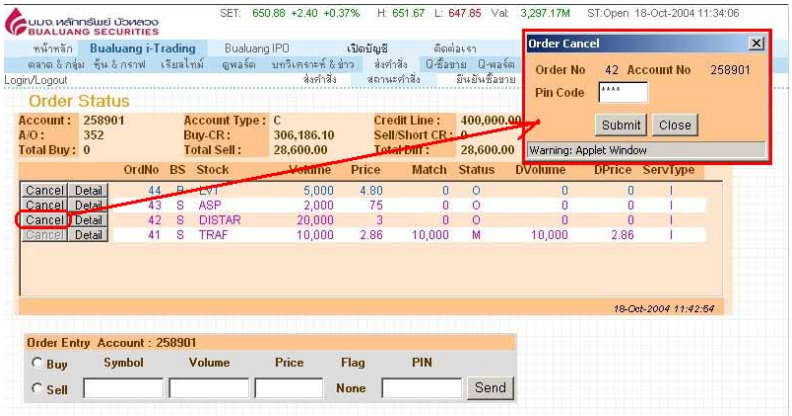
| Abb. | For | Meaning |
|---|---|---|
| **Status** | | **Status of trading orders** |
| C | Canceled | Cancelled by SET |
| M | Matched | Order is completely matched |
| O | Open | The order is open or partly matched |
| PX | Pending Cancel | Pending of cancel by SET |
| R | Rejected | Rejected due to market is closed |
| X | Canceled | Cancelled by client |
| XA | Canceled | Cancelled due to over credit limit or short-selling |
| | | |
| **ServType** | | **Order input party** |
| D | Dealer | Account Officer |
| I | Internet | Client |

### 8.4. Internet Order Canceling

The cancel button is in **Order Status** pages. Click the button then enter the PIN.

You can cancel Internet orders (Service Type I) only. Service Type D orders are to be cancel by the account officer.

The account officer can help you cancel the Service Type I orders.




## 9. Today Confirm

To view only the matched order or quantity at a particular moment, use the **Today Confirm** page.

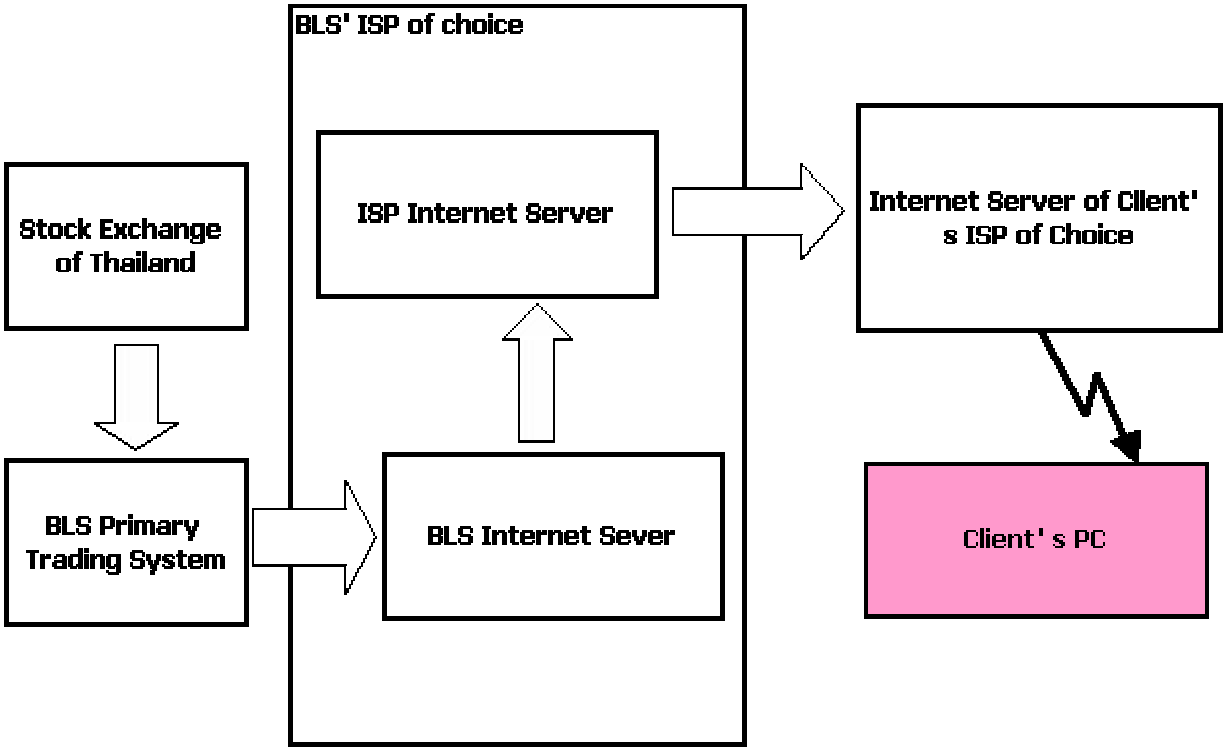
Information is sorted by buy, sell, and total of the account.

Confirm Summary
Account : 258901
A/O : 352
Account Type : C
Buy-CR : 370,196.88
Credit Line : 400,000.00
Sell/Short CR : 0
BS SecSymbol Volume Avg Price Amount Commission Net Mkt.AVG
S PRO 10,000 3.04 30,400.00 68.31 30,331.69 2.96
TOTAL S 30,400.00 68.31 30,331.69
S TOT. NET 30,400.00 68.31 30,331.69
04-Oct-2004 17:17:52
© Copyright 2004 Bualuang Securities PLC. All Rights Reserved.
Term and conditions. Privacy Policy

# 10. Appendix

## a) Internet and Problem Solving

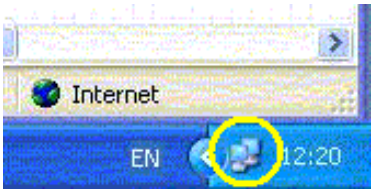
### a.1) Connection with a modem

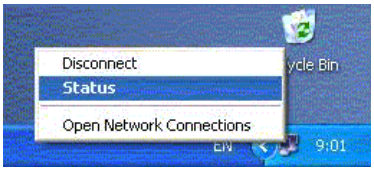


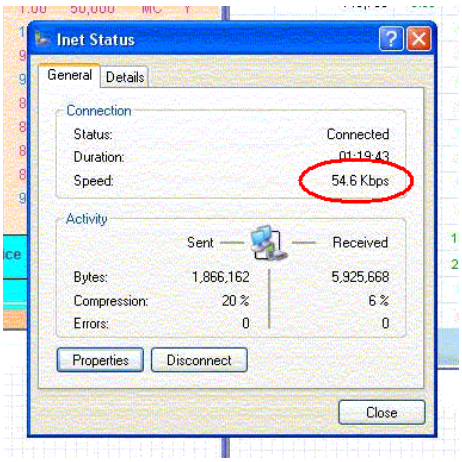

### a.2) Signal quality due to telephone line

Good connection with a 56 K modem should get the transmission speed at 52 Kbps or higher.

Right click the modem icon on the lower right side of the screen and choose Status to check the speed obtained



### a.3) Connection Status

In normal condition, the icon should blink while communication between modem and server stay alive.

If the icon does not blink for some time, it may be that the page is static or the communication is down.

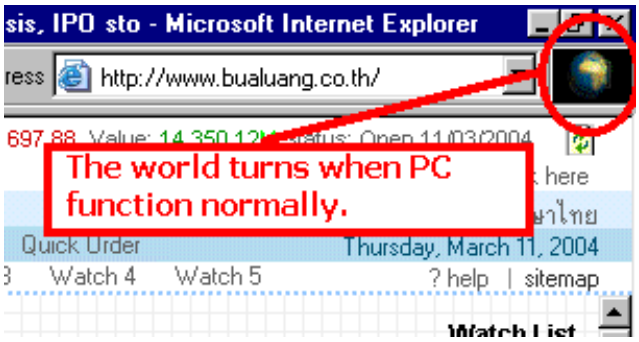
Should the communication is down, please disconnect and re-connect to the Internet.

### a.4) Status of the PC

**Status of the PC**

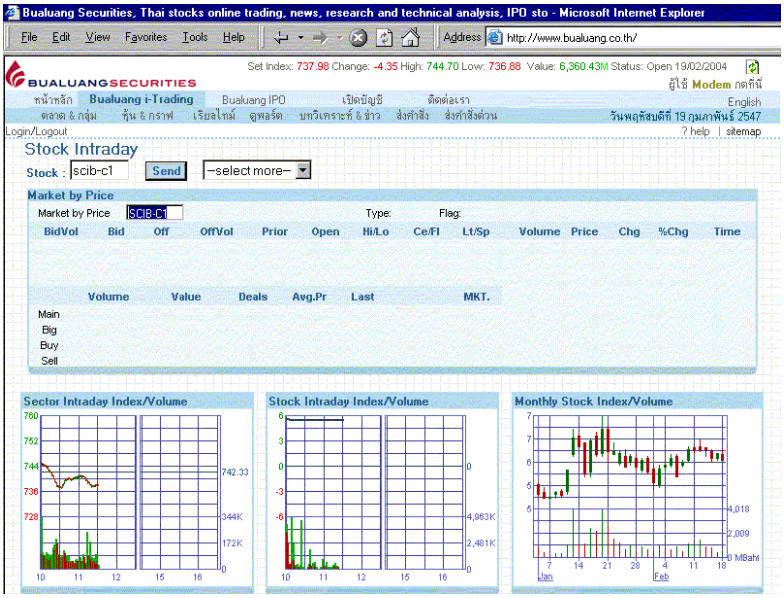
Normally calling a function or page changing should make the globe or flag picture on the upper right move.

Should the PC, the globe or flag freezes up for some time, perhaps the Internet Explorer hangs. You may try closing down and re-opening up the Internet Explorer.




### a.5) ISP Policy on Specific Info Transmission Port

Some ISP will not allow information to be transmitted through any other port than the so-called normal (Port 80, 8080). If that is the case, some real time screens will turn out blank as the information sent to those pages are transmitted through some specific port for speed.


Bualuang Securities, Thai stocks online trading, news, research and technical analysis, IPO sto - Microsoft Internet Explorer
BUALUANGSECURITIES
Stock Intraday
Market by Price
Sector Intraday Index/Volume
Stock Intraday Index/Volume
Monthly Stock Index/Volume

### a.6) Frequently Found Abnormality

| | Symtom | Cause | Cure |
|---|---|---|---|
| 1 | Cannot pass Login, the page keeps repeating | Cookies software in the PC are not updated | Delete Cookies and Files in Internet Options and make sure that Privacy setting is at medium and uncheck "Override automatic cookie handling" |
| 2 | Every page change I have to re-log in | | |
| 3 | No data on real-time or portfolio pages (Win XP) | MS Virtual Machine is not installed | Download and install MS Virtual Machine from Home page of www.bualuang.co.th |
| 4 | Incomplete data on real-time pages | Sun Java is on | goto Internet Options>Advanced Tab and uncheck Sun Java |
| 5 | Force-change of password when try to login | Password is expired | Change password. Can change back if don' t want to really change |
| 6 | On Win XP sp2, graphs on Market Summary disappear | Root.cer is not installed | Install file: root.cer and add "Trusted sites" |
| 7 | Q-Trade screen is incomplete | Choose incorrect encoding or security level | Select Thai (Windows) encoding, if applicable, and enable "Allow script-initiated windows..." in Internet Options>Security |

### a.7) Selecting ISP

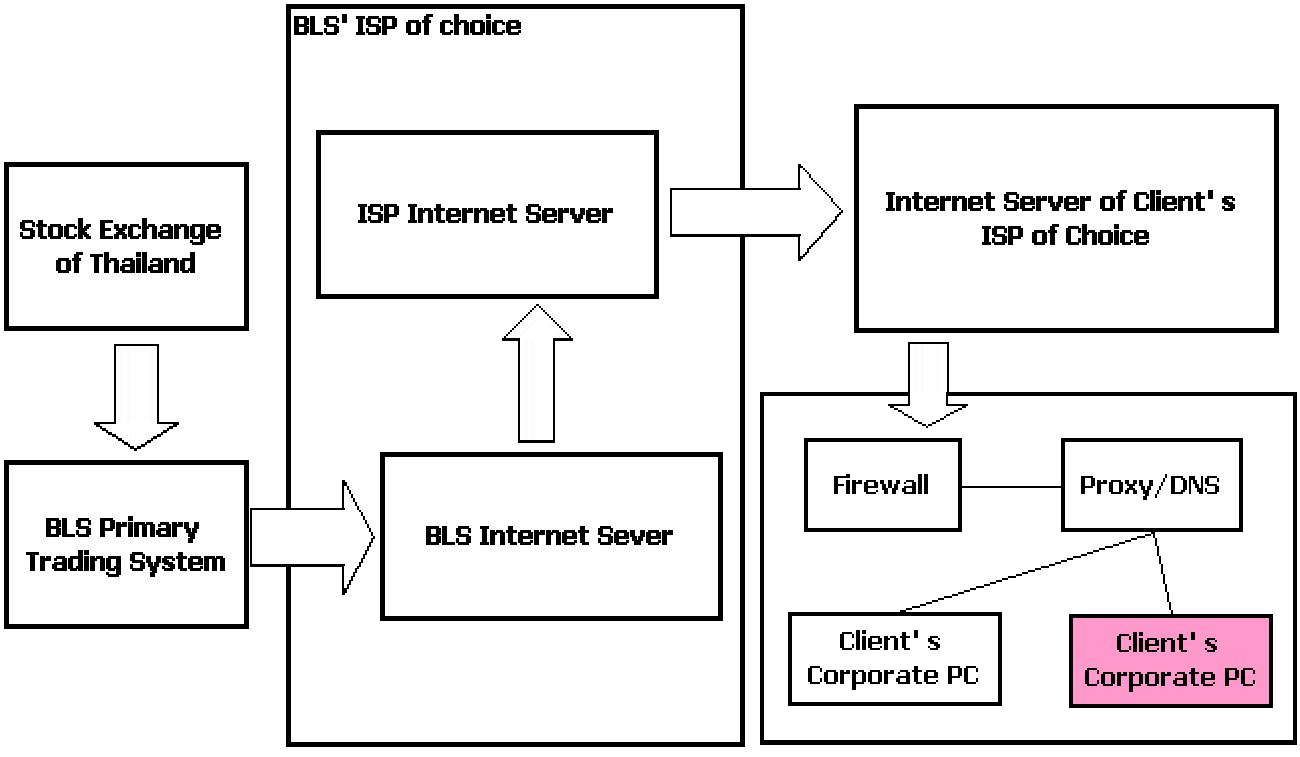
Make sure you are using the ISP that has a sufficient bandwidth and server capacity to ensure top connection speed.

From the shown diagram, using the same ISP as Bualuang Securities gives a possibility for a better connection speed.

However, be advised to have a spare Internet service in case the primary ISP you are using has a network problem

### a.8) Connection via LAN

If your computer connects to the corporate network and can access the Internet without dialing a modem to an ISP, you are in this type to connection.



### a.9) Inertia of Content Change

In client' s ISP and LAN systems there are cache in proxy servers storing frequently used contents and are DNS servers converting the domain name into IP addresses to locate the website. The corporate IT department and ISP arrange a routine to update the information in proxy and DNS servers.

There is a possibility that Bualuang Securities updates the content while the updating routine is yet run. This will cause un-updated screens or page-change errors to occur even after you have refreshed or deleted cookies and files in Internet Option.

To correct the problem, clients need to contact the corporate IT to delete cache in proxy and to update the DNS servers of LAN and ISP system.

However, the problem will automatically disappear once the updating routine is executed.

### a.10) Corporate Policy on Software Installation and Internet Usage

The corporate IT may set a variable in the PC so the software installation cannot be done without permission. This may stop BLS website from functioning and displaying correct information.

### a.11) Specific Info Port Allowing Policy

The corporate IT may allow information to be transmitted only through normal ports. This will bar you from using the modem section.

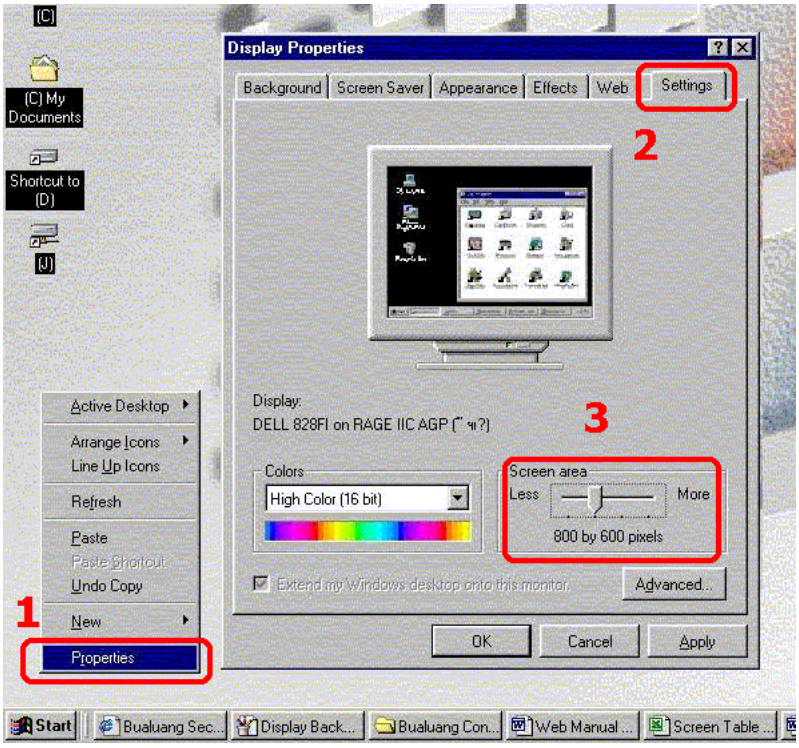
### a.12) URL Blocking

The corporate IT may block BLS website URL from accessing by the corporate PCs. The message "The page cannot be displayed." or "You are not authorized to view the page." will appear if clients try to access BLS website.

## b) Display Monitor Resolution Setting

The website is designed for 800x600 pixels setting.

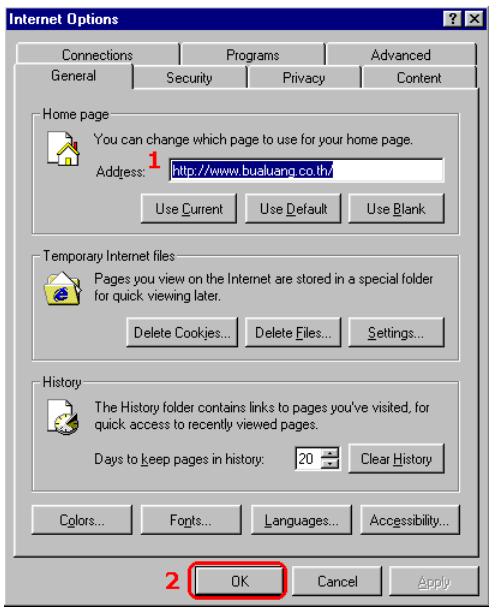
To adjust the monitor resolution, right click on the display background to call Display Property.



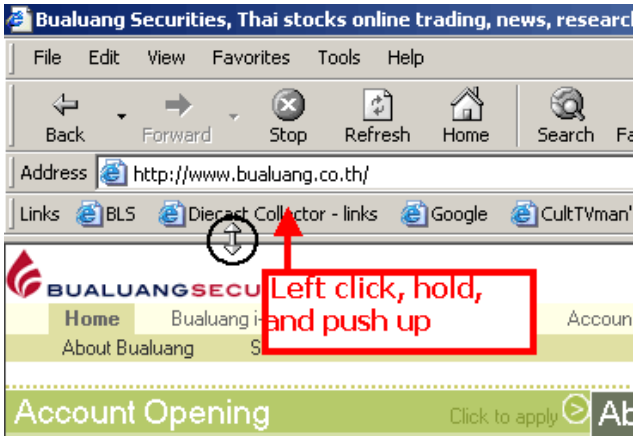

## c) Shortcut-to-www.bualuang.co.th Creating and Default Homepage Setting

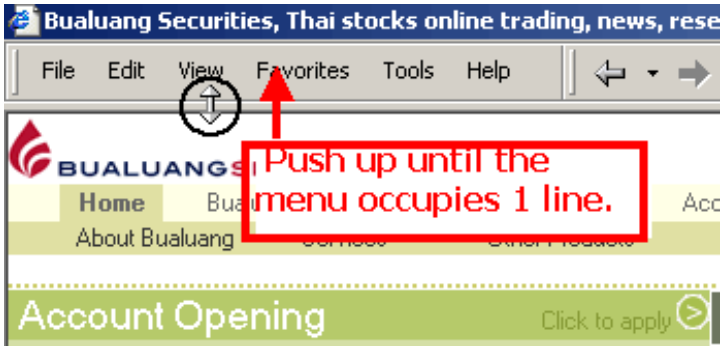
Creating a desktop shortcut to www.bualuang.co.th is by left clicking and holding the explorer icon in the address bar then drag on to the desktop. You may right click on the shortcut icon to rename.

Setting www.bualuang.co.th as the default homepage for Internet Explorer is by specifying in the address bar of Internet Option then OK



## d) Internet Explorer Menu Bar Size Reduction





Bualuang Securities, Thai stocks online trading, news, rese
File Edit View Favorites Tools Help
Push up until the menu occupies 1 line.
Home
About Bualuang
Account Opening
Click to apply

The menu bar of Internet Explorer can be shrunk to increase the display area of the screen.

Touch the cursor on the lower edge then left click and hold. Push up until the menu bar occupies 1 line in small icon as shown.

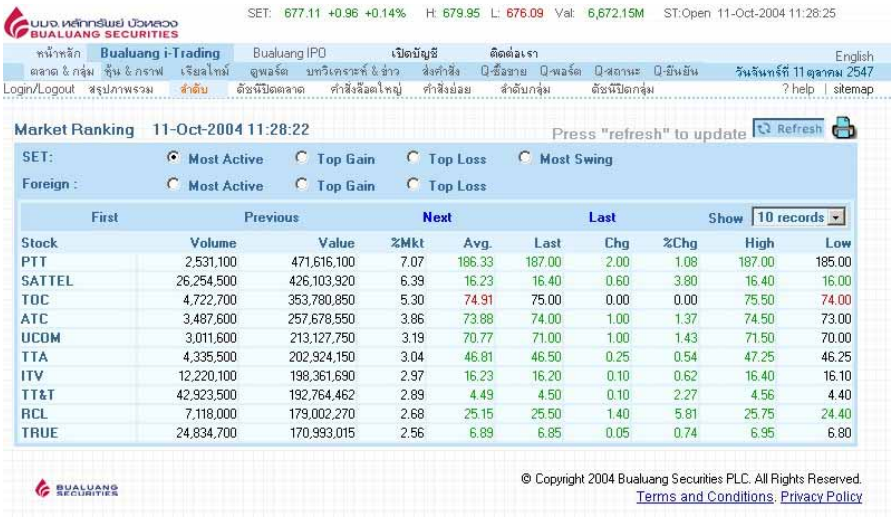
## e) Screen Captures & Value Reading

### e.1) Mkt Summary

a. Green price means higher than previous close, red is lower, and black is equal.
b. Trade Value by Customer is updated day-end around 17:15 of the trading day. Light blue means net-buy, pink means net-sell.
c. Click Refresh button if you want to update the data during trading hour.

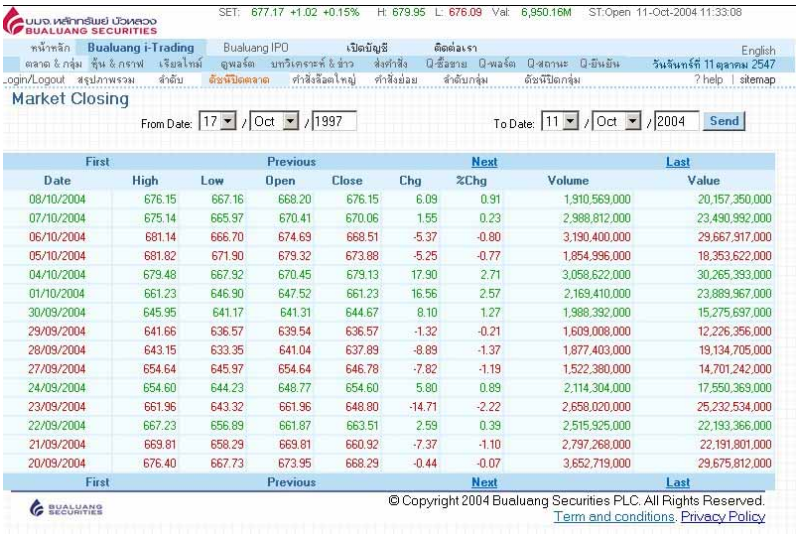
### e.2) Mkt Ranking

The page provides ranking data during trading by value, price gain-loss, etc. The green means price is higher than the previous close, red is lower, and black is equal. Click Refresh button if you want to update the data during trading hour.



### e.3) Mkt Closing

The page provides SET index 7 years statistic. In green means the closing index is higher than that of the previous, red is lower, black is equal.

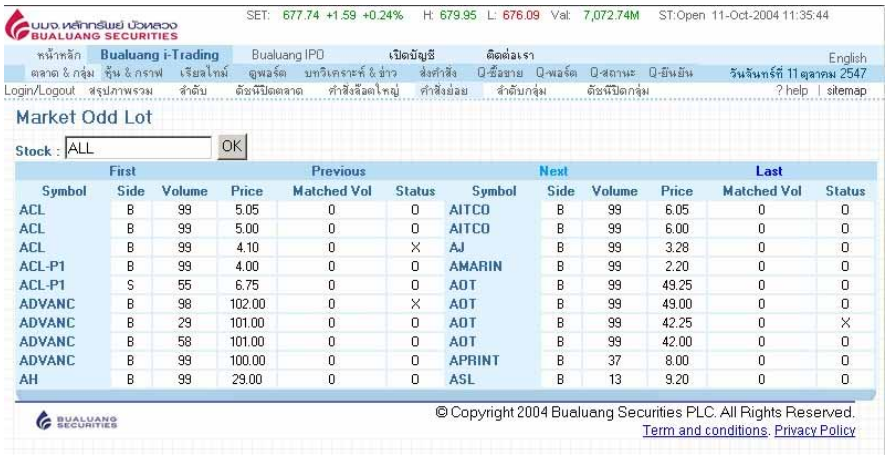



### e.4) Big Lot

The page provides big lots trading (more than 1 million shares or 3 million Baht) that have happened on that day.

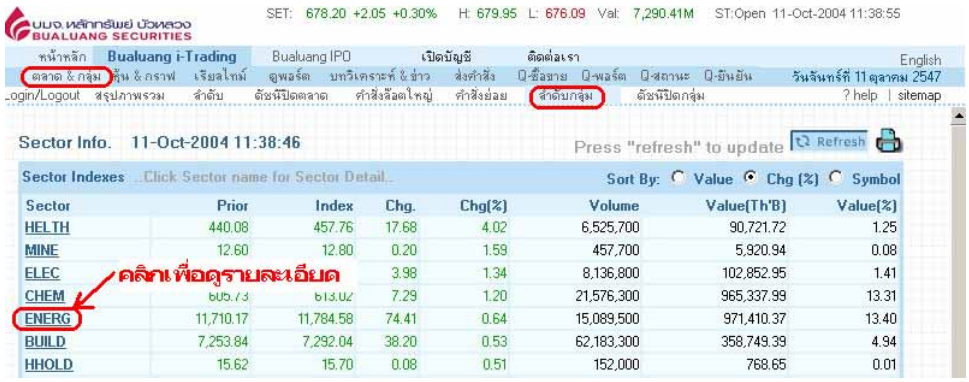
### e.5) Odd Lot

The page provides odd lot orders (number of shares less than 1 Board Lot) both Bid (Side designates with B) and Offer (Side designates with S) in that trading daty sorted by stock in alphabetical order. Status of the order are; O = Open, X = Canceled, M = Fully Matched; Number of matched share is shown in Matched Vol.


SET: 677.74 +1.59 +0.24% H: 679.95 L: 676.09 Val: 7,072.74M ST:Open 11-Oct-2004 11:35:44
Bualuang i-Trading
Market Odd Lot
Stock : ALL OK
First Previous Next Last
Symbol Side Volume Price Matched Vol Status Symbol Side Volume Price Matched Vol Status
ACL B 99 5.05 0 0 AITCO B 99 6.05 0 0
ACL B 99 5.00 0 0 AITCO B 99 6.00 0 0
ACL B 99 4.10 0 X AJ B 99 3.28 0 0
ACL-P1 B 99 4.00 0 0 AMARIN B 99 2.20 0 0
ACL-P1 S 55 6.75 0 0 AOT B 99 49.25 0 0
ADVANC B 98 102.00 0 X AOT B 99 49.00 0 0
ADVANC B 29 101.00 0 0 AOT B 99 42.25 0 X
ADVANC B 58 101.00 0 0 AOT B 99 42.00 0 0
ADVANC B 99 100.00 0 0 APRINT B 37 8.00 0 0
AH B 99 29.00 0 0 ASL B 13 9.20 0 0
© Copyright 2004 Bualuang Securities PLC. All Rights Reserved.
Term and conditions. Privacy Policy

### e.6) Sector Ranking

The page provides sector-ranking info that can be sorted by value, change percentage, or alphabet. Click the sector abbreviation for detail.


SET: 678.20 +2.05 +0.30% H: 679.95 L: 676.09 Val: 7,290.41M ST:Open 11-Oct-2004 11:38:55
Bualuang i-Trading
Sector Info. 11-Oct-2004 11:38:46
Press "refresh" to update
Refresh
Sector Indexes Click Sector name for Sector Detail.
Sort By: Value Chg (%) Symbol
คลิกเพื่อดูรายละเอียด

| Sector | Prior | Index | Chg. | Chg(%) | Volume | Value(Th'B) | Value(%) |
|---|---|---|---|---|---|---|---|
| HELTH | 440.08 | 457.76 | 17.68 | 4.02 | 6,525,700 | 90,721.72 | 1.25 |
| MINE | 12.60 | 12.80 | 0.20 | 1.59 | 457,700 | 5,920.94 | 0.08 |
| ELEC | | | 3.98 | 1.34 | 8,136,800 | 102,852.95 | 1.41 |
| CHEM | | | 7.29 | 1.20 | 21,576,300 | 965,337.99 | 13.31 |
| ENERG | 11,710.17 | 11,784.58 | 74.41 | 0.64 | 15,089,500 | 971,410.37 | 13.40 |
| BUILD | 7,253.84 | 7,292.04 | 38.20 | 0.53 | 62,183,300 | 358,749.39 | 4.94 |
| HHOLD | 15.62 | 15.70 | 0.08 | 0.51 | 152,000 | 768.65 | 0.01 |

### e.7) Sector Closing

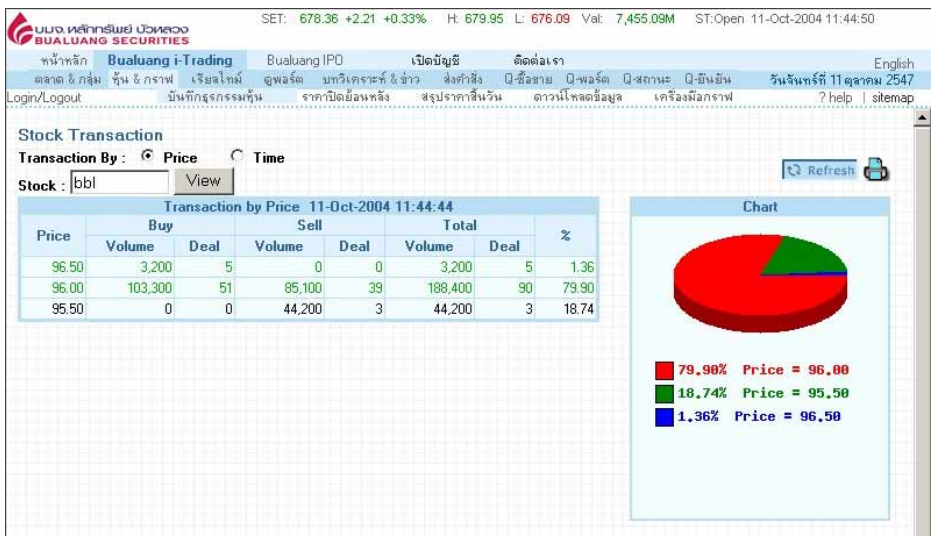
The page provides sector index 7 years statistic. In green means the closing index is higher than that of the previous, red is lower, black is equal.

SET: 678.30 +2.15 +0.32% H: 679.95 L: 676.09 Val: 7,371.31M ST:Open 11-Oct-2004 11:41:40
Bualuang i-Trading
Sector Closing
Sector: Banking
From Date: 17 / Oct / 1997
To Date: 11 / Oct / 2004
Send
First Previous Next Last

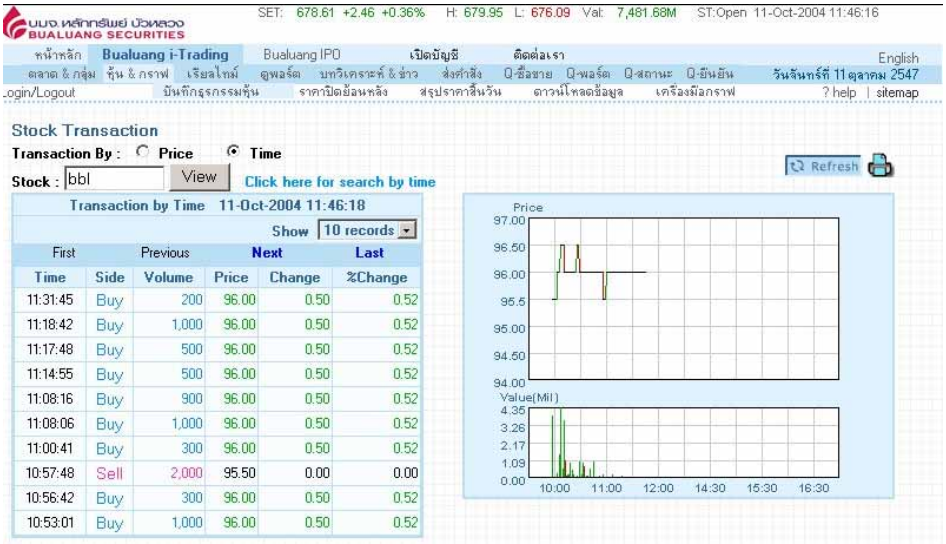
| Date | High | Low | Open | Close | Chg | %Chg | Volume | Value |
|---|---|---|---|---|---|---|---|---|
| 08/10/2004 | 218.71 | 216.30 | 217.15 | 218.71 | 1.22 | 0.56 | 87,832,741 | 1,138,084,000 |
| 07/10/2004 | 218.98 | 216.32 | 217.21 | 217.49 | 1.13 | 0.52 | 116,682,558 | 1,456,590,000 |
| 06/10/2004 | 219.52 | 216.17 | 216.80 | 216.36 | -1.30 | -0.60 | 126,732,310 | 1,917,360,000 |
| 05/10/2004 | 220.87 | 217.66 | 220.24 | 217.66 | -2.37 | -1.08 | 69,137,914 | 1,037,559,000 |
| 04/10/2004 | 220.29 | 217.60 | 218.98 | 220.03 | 4.18 | 1.94 | 154,469,023 | 2,170,139,000 |
| 01/10/2004 | 216.20 | 213.76 | 213.83 | 215.85 | 2.42 | 1.13 | 154,448,277 | 2,379,539,000 |
| 30/09/2004 | 213.43 | 211.59 | 211.66 | 213.43 | 2.96 | 1.41 | 93,185,809 | 955,041,000 |
| 29/09/2004 | 211.23 | 209.04 | 209.91 | 210.47 | 1.27 | 0.61 | 50,334,056 | 787,225,000 |

### e.8) Transaction

The page provides stock transaction sorted by executed prices or time of the trading day. You may enquire data of a specific time range.

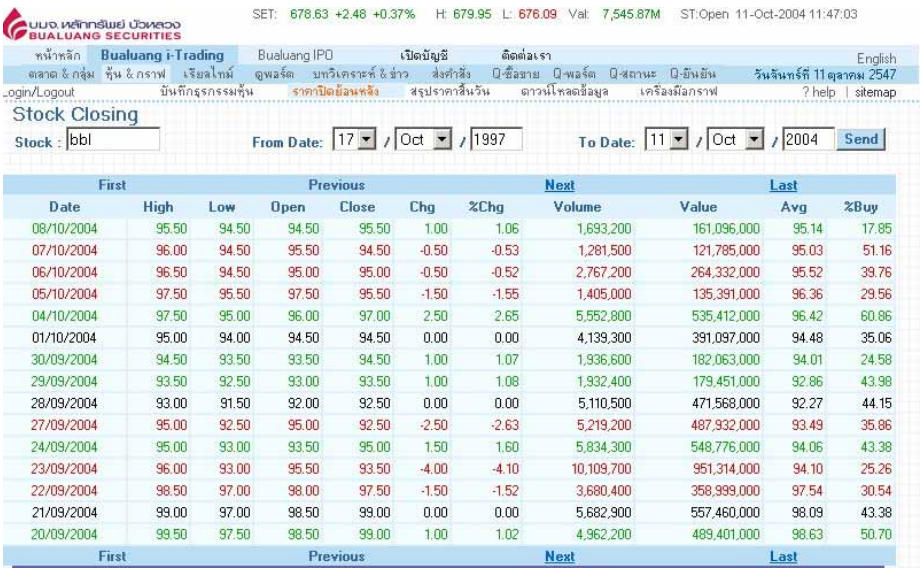



| Price | Buy Volume | Buy Deal | Sell Volume | Sell Deal | Total Volume | Total Deal | % |
|---|---|---|---|---|---|---|---|
| 96.50 | 3,200 | 5 | 0 | 0 | 3,200 | 5 | 1.36 |
| 96.00 | 103,300 | 51 | 85,100 | 39 | 188,400 | 90 | 79.90 |
| 95.50 | 0 | 0 | 44,200 | 3 | 44,200 | 3 | 18.74 |



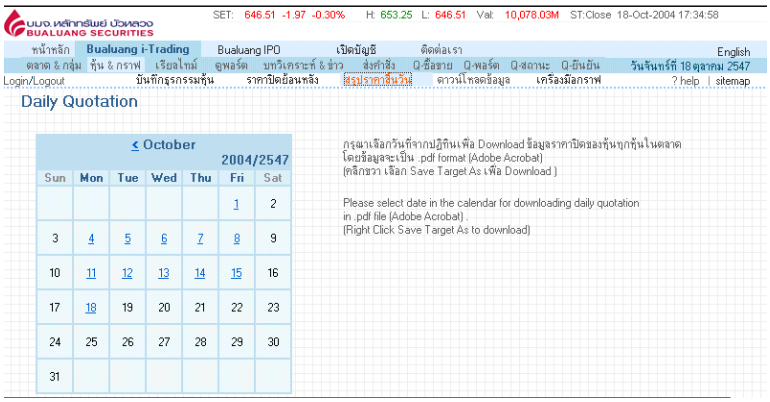

### e.9) Stock Closing

The page provides 7 years trading statistic of a stock.



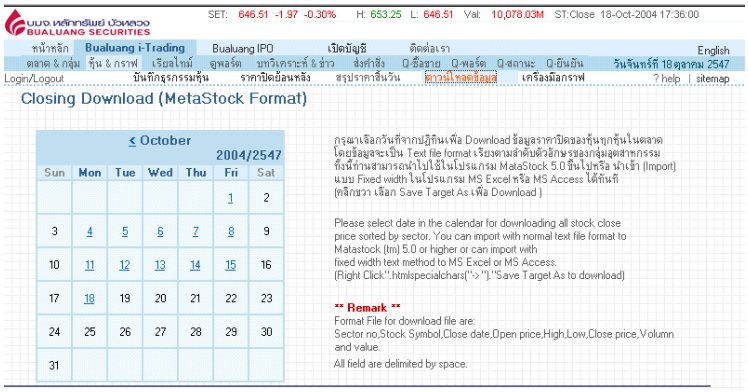

### e.10) Daily Quotation

The page provides day-end trading statistic of the market in PDF file updated daily around 17:15.
The page provides 3 months-back data.


SET: 646.51 -1.97 -0.30% H: 653.25 L: 646.51 Val: 10,078.03M ST:Close 18-Oct-2004 17:34:58
Daily Quotation
< October 2004/2547
Sun Mon Tue Wed Thu Fri Sat
Please select date in the calendar for downloading daily quotation
in .pdf file (Adobe Acrobat) .
(Right Click Save Target As to download)

### e.11) Closing Download

The page provides daily trading data downloadable for use with Metastock or other tool. Data is updated daily around 17:15 and is available 3 month-back.


Bualuang i-Trading
Closing Download (MetaStock Format)
October
2004/2547
Sun Mon Tue Wed Thu Fri Sat
Please select date in the calendar for downloading all stock close price sorted by sector. You can import with normal text file format to Matastock (tm) 5.0 or higher or can import with fixed width text method to MS Excel or MS Access.
** Remark **
Format File for download file are:
Sector no,Stock Symbol,Close date,Open price,High,Low,Close price,Volumn and value.
All field are delimited by space.

### e.12) Technical Charting

This is a simplified tool. You may call a graph of stock (with its abbreviation - BBL, PTT, etc.), a sector (with a full-stop in front of the abbreviation - .fin, .chem, etc.), or SET index ( .SET ).

You may open several graphs simultaneously by clicking "Click here for new chart".

Please read additional instruction in Help>Help menu of the tool.

Menu for changing plotting - daily, weekly, monthly
Menu for changing the study
Menu for changing chart and study parameters
BBL
Period Line Type Studies Trading Signals Edit Chart Help
Select Market.... SET enter code: BBL ZOOM IN ZOOM OUT
BBL
Simple MA
MACD -1.652
Volume
Chart window
Study window
Volume window
Data of the red-line date.
Warning: Applet Window

**How to read Simple MA (Simple Moving Average)**

Simple MA is for reading of buy-sell signals:

1. When the closing line moves up and crosses over the moving up average line, it is buy signal.
2. When the closing line moves down and crosses under the moving down average line, it is sell signal

Default parameters of the average line are 5 days for short term, and 20 days for medium term.

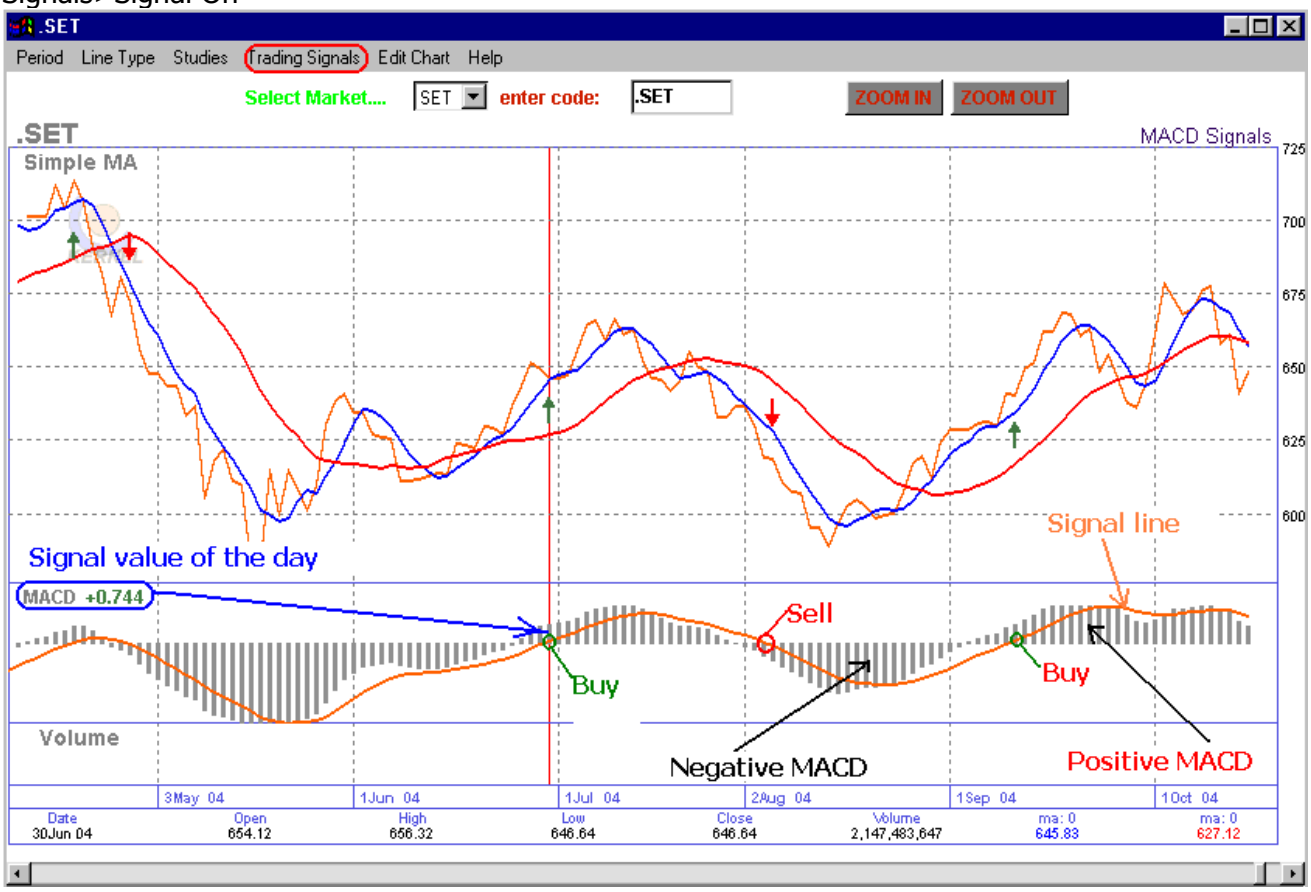
You may spot the signal with Momentum principal that is buy when the 5-day average crosses up above the 20-day average, sell when crosses down below.

**How to read MACD Study (Moving Average Convergence-Divergence)**

To spot buy-sell signal:

1. If MACD is positive, the stock is in short-medium term up-trend.
2. If MACD is negative, the stock is in short-medium term downtrend.
3. If MACD is positive and the signal line cut across from negative to positive, it is a buy signal.
4. If MACD is negative and the signal line cut across from positive to negative, it is a sell signal.

You may turn the trading signal, which is based on MACD study, on by clicking Trading Signals>Signal On




Considering from Momentum principal, it is a buy signal when MACD crosses up above the signal line, a sell signal when MACD crosses down under the signal line.

**How to read RSI Study (Relative Strength Indicator)**
It is for spotting overbought (above 70% line) or oversold (below 30% line). The stock in overbought or oversold stage has a high tendency of price-trend change.

The tool constructs RSI from 12-day average as a default.

**How to read Stochastic Study**

Stochastic is the measurement of close prices comparing to the high-low. In up-trend the close will lean toward the high. When the trend is about to change, the close will lean toward the low. In downtrend and when the trend is about to change, the close will lean toward the high.

Stochastic has 2 indicators namely SK (%K) and SD (%D). Overbought is when Stochastic is more than 80% (between 80% - 100%) while Oversold is when Stochastic is less than 20% (between 20% - 0%)

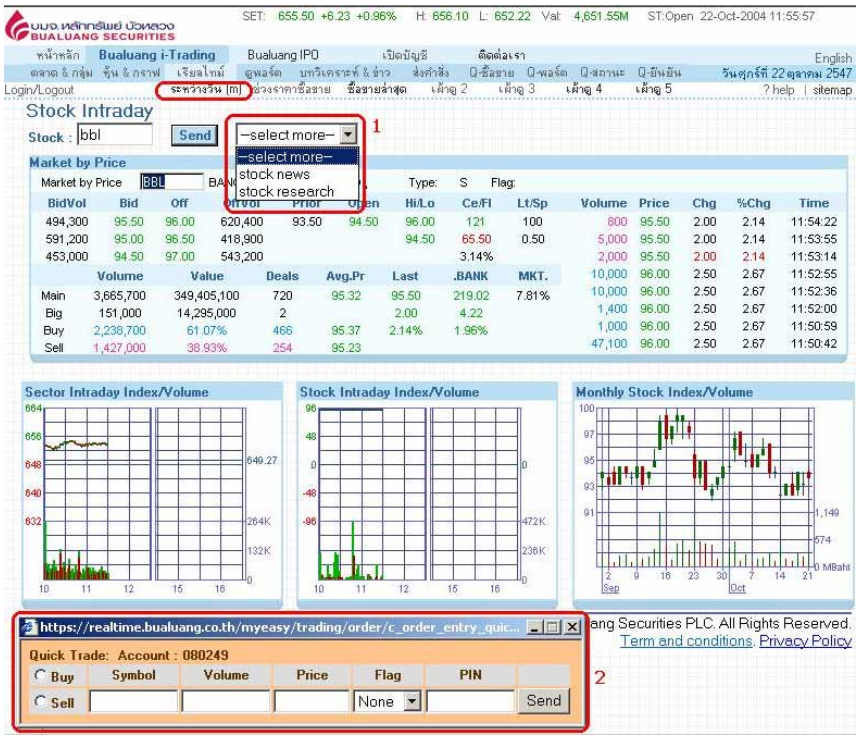
Buy-warning signal is when SD starts to be less than (cross under) 20%. Buy signal is when the SK line crosses up above the SD line. Sell-warning signal is when SD starts to be more than (cross over) 80%. Sell signal is when the SK line cross under the SD line.

### e.13) Intraday (m)

The page provides real-time detail of a stock. Using "select more" function to view BLS research and news of the stock sent to the trading system.

You may use Q-Trade together with this page for sending order.

However, all data are shown properly only when Internet connection is by a modem or allowing all special data port if the connection is through a proxy server.




### e.14) Active

The page provides real-time detail of a stock sorted by 3 Best Bid, Best Offer and all executed price. Should the company submit a new to the SET, the Flag is designated with an N. The news is viewable on the "Company Info" page under Research & News. The Flag also shows signs posted on the stock by the SET.

Color code of this page is the same as in the Watch 2.

### e.15) Last Deal

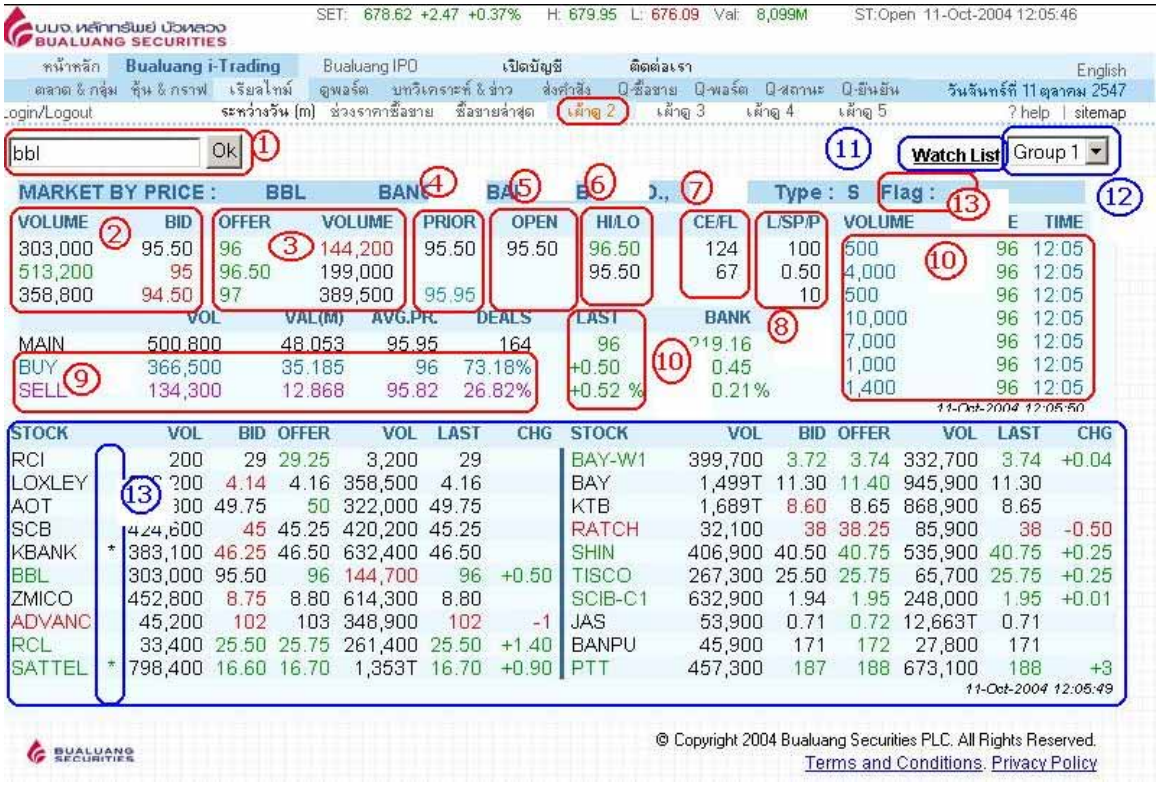
The page provides real-time market ticker.

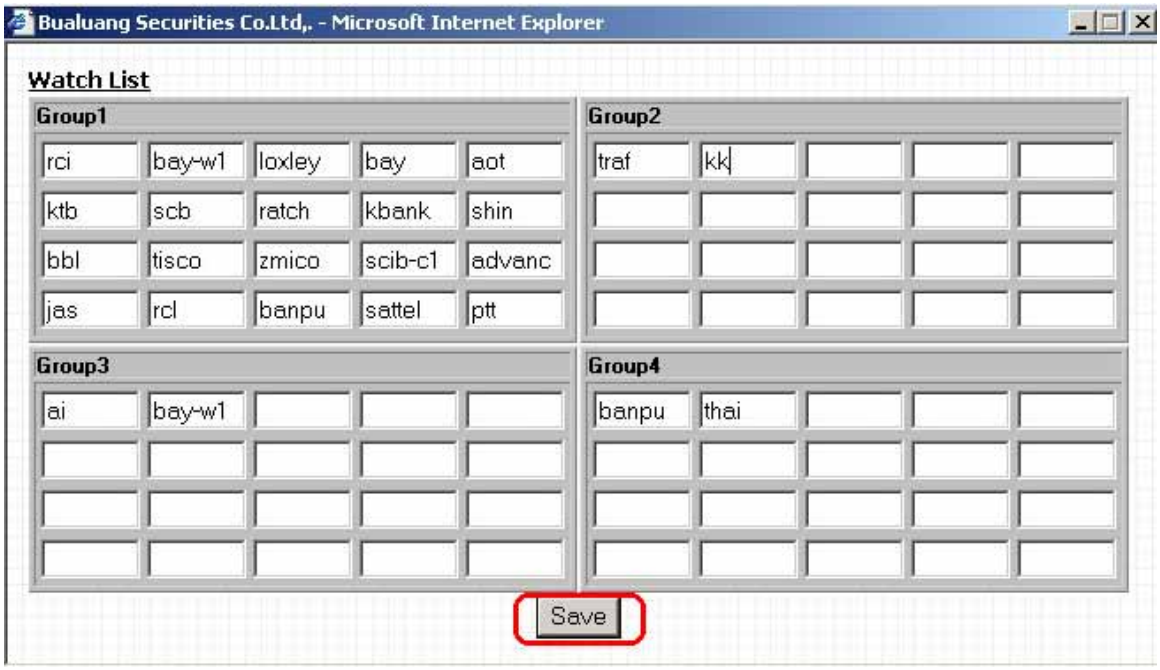
1. The transaction worth more than 1 million Baht is marked in light blue shade. The volume more than 1 million shares is shown with T for thousand decimal such as 1 million shares represents by 1,000T.
2. Buy transaction is shown in blue. Sell transaction is shown in pink.
3. A green price/stock represents a higher than the previous close. A red is lower. A black is equal. A yellow is the stock that starts trading for the first day.

### e.16) Watch 2

The page provides real-time detail of a stock in Market by Price as well as Watch List in 4 group @ 20 stock.

1. Specify stock symbol and click OK to call for detail in Market by Price.
2. 3 Best Bid. A green price is higher than the previous close, a red is lower, and a black is equal. A black volume is a remaining volume, a green signals an increase of volume, a purple signals a cancel of bidding, a red signals a match of orders. Bid volume more than 1 million is shown with T for thousand such as 1,000T.
3. 3 Best Offer.
4. Prior is the previous closing price (upper number). The lower number is the weighted average price for Off-hours Put Through on the main board.
5. The upper number in Open column during Pre-open period shows the morning-projected price. Once the market is open, it shows session 1-open price. The lower shows afternoon-projected price during afternoon call market, and session 2-open price once the market is open. The lower shows projected close price during the call market before closing.
6. HI/LO shows the highest/lowest price of the day. A green is higher than the previous close, a red is lower, and a black is equal.
7. CE/FL shows ceiling/floor prices.
8. L/SP/P shows Board Lot, Price Spread, and Par price respectively.
9. Records of Buy (in blue) and Sell (in pink) transaction.
10. Latest trading of the stock.
11. A button to call Watch List input screen.
12. The Watch List group selector. The stock that starts trading for the first day is shown in yellow (no ceiling/floor).
13. Flag: N or * designates stocks that submit news to the SET. The news can be read at "**Company Info**" page. Flag also shows other signs such as XD, XR, etc.


SET: 678.62 +2.47 +0.37% H: 679.95 L: 676.09 Val: 8,099M ST:Open 11-Oct-2004 12:05:46
Bualuang i-Trading
Bualuang IPO
เปิดบัญชี
ติดต่อเรา
English
วันจันทร์ที่ 11 ตุลาคม 2547
Login/Logout
ระหว่างวัน (m)
ช่วงราคาซื้อขาย
ซื้อขายล่าสุด
เล้าดู 2
เล้าดู 3
เล้าดู 4
เล้าดู 5
? help | sitemap
bbl
Ok
Watch List
Group 1
MARKET BY PRICE :
BBL
Type : S
Flag :
VOLUME
BID
OFFER
VOLUME
PRIOR
OPEN
HI/LO
CE/FL
L/SP/P
VOLUME
E
TIME
303,000 95.50 96 144,200 95.50 95.50 96.50 124 100 500 96 12:05
513,200 95 96.50 199,000 95.50 0.50 4,000 96 12:05
358,800 94.50 97 389,500 95.95 10 500 96 12:05
10,000 96 12:05
7,000 96 12:05
1,000 96 12:05
1,400 96 12:05
VOL
VAL(M)
AVG.PR.
DEALS
LAST
BANK
MAIN 500,800 48.053 95.95 164 96 219.16
BUY 366,500 35.185 96 73.18% +0.50 0.45
SELL 134,300 12.868 95.82 26.82% +0.52 % 0.21%
11-Oct-2004 12:05:50
STOCK VOL BID OFFER VOL LAST CHG
RCI 200 29 29.25 3,200 29
LOXLEY 200 4.14 4.16 358,500 4.16
AOT 300 49.75 50 322,000 49.75
SCB 424,600 45 45.25 420,200 45.25
KBANK * 383,100 46.25 46.50 632,400 46.50
BBL 303,000 95.50 96 144,700 96 +0.50
ZMICO 452,800 8.75 8.80 614,300 8.80
ADVANC 45,200 102 103 348,900 102 -1
RCL 33,400 25.50 25.75 261,400 25.50 +1.40
SATTEL * 798,400 16.60 16.70 1,353T 16.70 +0.90
STOCK VOL BID OFFER VOL LAST CHG
BAY-W1 399,700 3.72 3.74 332,700 3.74 +0.04
BAY 1,499T 11.30 11.40 945,900 11.30
KTB 1,689T 8.60 8.65 868,900 8.65
RATCH 32,100 38 38.25 85,900 38 -0.50
SHIN 406,900 40.50 40.75 535,900 40.75 +0.25
TISCO 267,300 25.50 25.75 65,700 25.75 +0.25
SCIB-C1 632,900 1.94 1.95 248,000 1.95 +0.01
JAS 53,900 0.71 0.72 12,663T 0.71
BANPU 45,900 171 172 27,800 171
PTT 457,300 187 188 673,100 188 +3
11-Oct-2004 12:05:49
© Copyright 2004 Bualuang Securities PLC. All Rights Reserved.
Terms and Conditions. Privacy Policy


Bualuang Securities Co.Ltd,. - Microsoft Internet Explorer
Watch List
Group1
rci bay-w1 loxley bay aot
ktb scb ratch kbank shin
bbl tisco zmico scib-c1 advanc
jas rcl banpu sattel ptt
Group2
traf kk
Group3
ai bay-w1
Group4
banpu thai
Save

### e.17) Watch 3

The page provide real-time data of 4 Watch List @ 20 stock and Market Last Trade (Ticker):

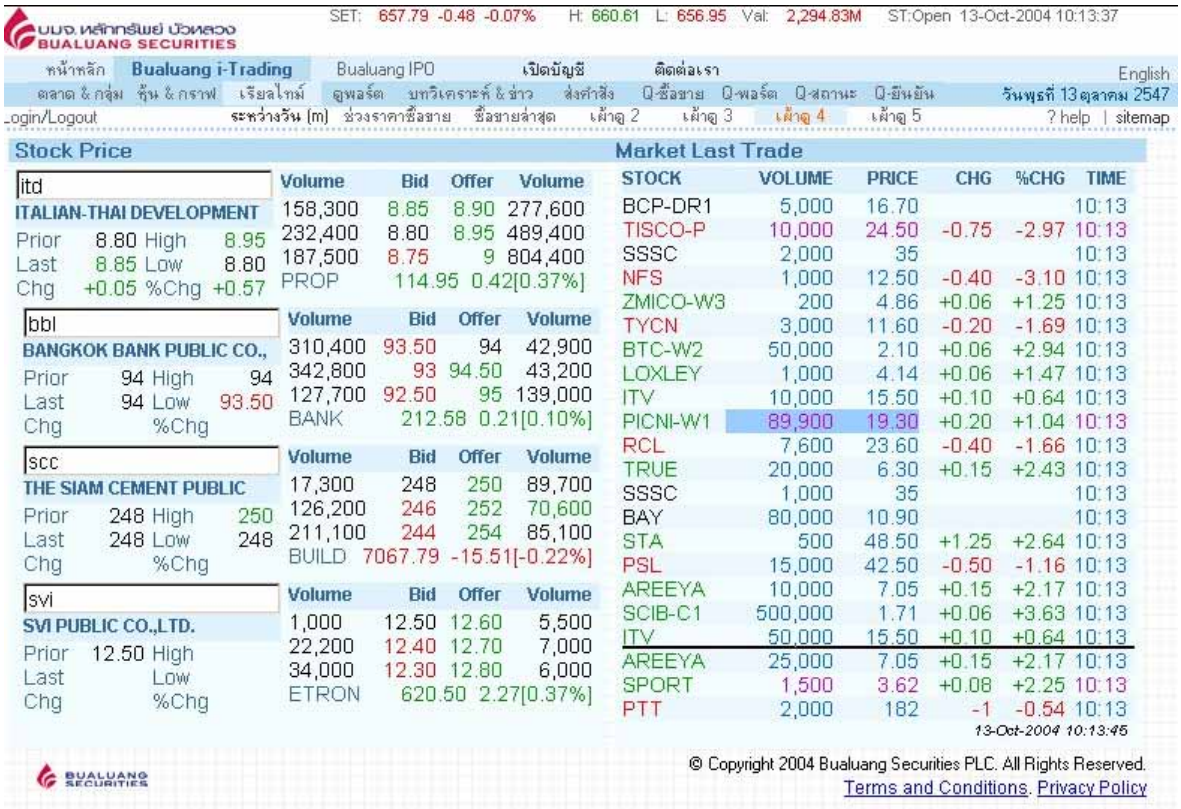
1. A button to call Watch List input screen.
2. The Watch List group selector.
3. The best bid. A green price is higher than the previous close, a red is lower, and a black is equal. A black volume is a remaining volume, a green signals an increase of volume, a purple signals a cancel of bidding, a red signals a match of orders. Bid volume more than 1 million is shown with T for thousand such as 1,000T.
4. The best offer.
5. Latest trading of the stock.
6. The * designates stocks that submit news to the SET. The news can be read at "**Company Info**" page.
7. Ticker-filter function is for selecting of all or only of stocks in the watch lists.
8. A green price/stock represents a higher than the previous close. A red is lower. A black is equal. A yellow is the stock that starts trading for the first day.
9. A buy ticker is in blue. A sell tick is in pink. In blue shade if the value is more than 1 million.

**Flag in use**

| | | |
|---|---|---|
| XD | Excluding Dividends | Buyers are not entitled to dividend payment |
| XI | Excluding Interests | Buyers are not entitled to interest payment |
| XR | Excluding Rights | Buyers are not entitled to pre-emptive rights in subscribing for new share issues |
| XW | Excluding Warrants | Buyers are not entitled to pre-emptive rights in receiving warrants offered |
| XE | Excluding Exercise | Buyers are not entitled to exercise warrants |
| XS | Excluding Short-term Warrant | Buyers are not entitled to pre-emptive rights in receiving short-term warrants offered |
| XM | Excluding Meeting | Buyers are not entitled to attending the shareholders' meeting |
| XA | Excluding All | Buyers are not entitled to all rights prescribed at the time |
| DS | Designated Securities Sign | Irregular volume or price movement notice without cause knowing |
| SP | Suspension | Suspension of trading |
| H | Halt Trade | Trading is not allowed in this session. |
| NP | Notice Pending | SET is awaiting clarification or additional information from the company |
| NR | Notice Received | SET has received the clarification or additional information |

### e.18) Watch 4

The page provides real-time prices info of 4 stocks in 3 bids - 3 offers format and market ticker. Color-coding is the same as Watch 2.



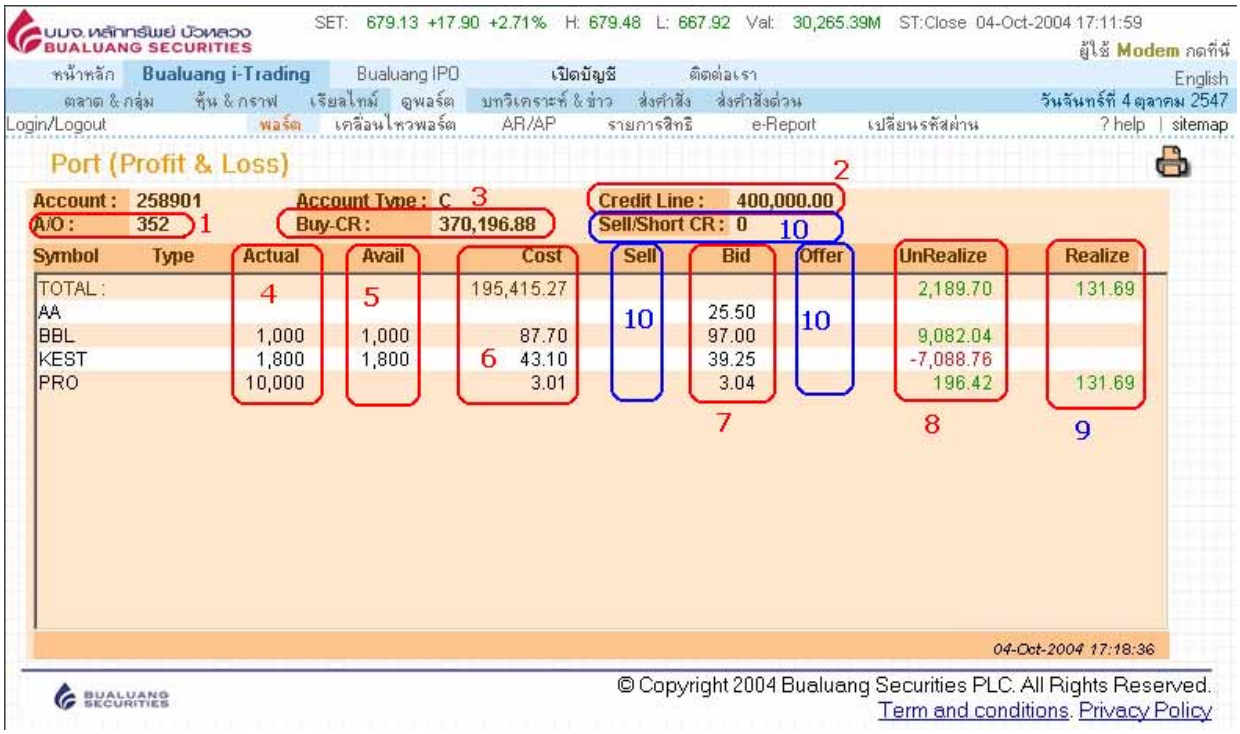

### e.19) Watch 5

The page provides real-time prices of 8 stocks in 3 bids - 3 offers format. To view info, input stock symbol and press the Enter key on the keyboard.

### e.20) Port

The page provides the detail of stocks in your account:

1. A/O is the id number of your account officer.
2. Credit Line is your pre-approved buyable credit.
3. Buy-CR: The remaining buy credit of the day or at that moment.
4. Actual: Total share in your account.
5. Avail: Number of sellable share.
6. Cost: The average cost of the stock. Cost deduction of a stock is based on FIFO.
7. Bid: Best bid at that moment.
8. Unrealized: Projected profit or losses at the best bid price.
9. Realized: Real profit or losses occur from your trading on that day.
10. Unused fields.


BUALUANG SECURITIES
SET: 679.13 +17.90 +2.71% H: 679.48 L: 667.92 Val: 30,265.39M ST:Close 04-Oct-2004 17:11:59
Bualuang i-Trading
Bualuang IPO
Login/Logout
Port (Profit & Loss)
Account : 258901
A/O : 352
Account Type : C
Buy-CR : 370,196.88
Credit Line : 400,000.00
Sell/Short CR : 0
Symbol Type Actual Avail Cost Sell Bid Offer UnRealize Realize
TOTAL : 195,415.27 2,189.70 131.69
AA 25.50
BBL 1,000 1,000 87.70 97.00 9,082.04
KEST 1,800 1,800 43.10 39.25 -7,088.76
PRO 10,000 3.01 3.04 196.42 131.69
04-Oct-2004 17:18:36
© Copyright 2004 Bualuang Securities PLC. All Rights Reserved.
Term and conditions. Privacy Policy

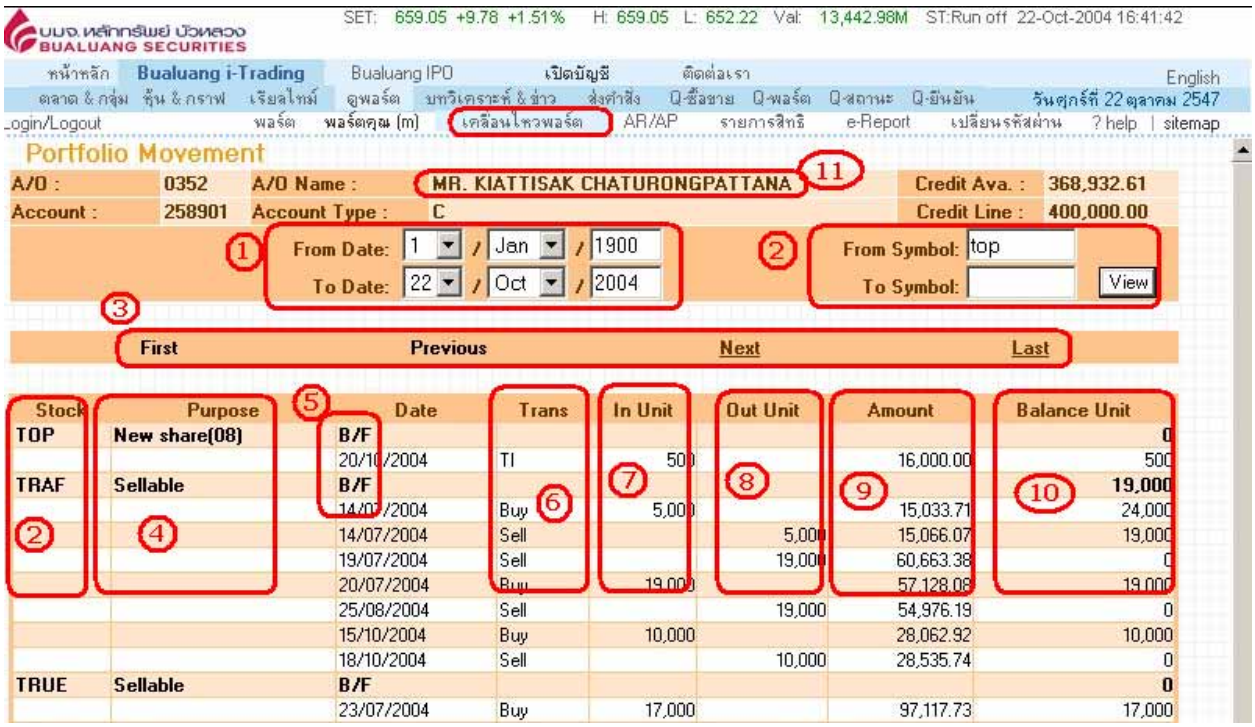
### e.21) My Port (m)

The page provides the detail of stocks in your account. Clients with credit balance accounts can also select to view cash or credit balance account detail. For the information to display properly, users should connect to the Internet with a modem, or if connect through a proxy server, should allow all special data port.

### e.22) Port Movement

The page provides the stock in-out movement detail of your account.

1. You may specify the start and end date to view info.
2. You may specify the stock in alphabetical order from a to z.
3. Buttons to turn the pages.
4. Purpose: Objective of stock holding. Please see the below table.
5. Date: Transaction date; B/F: Balance Forward
6. Trans: Transaction type. Please see the below table.
7. In Unit: Number of share transferred in
8. Out Unit: Number of share transferred out
9. Amount: Transaction value, please see the below table.
10. Balance Unit: Number of share remaining in the account.
11. Your account officer (contact point).

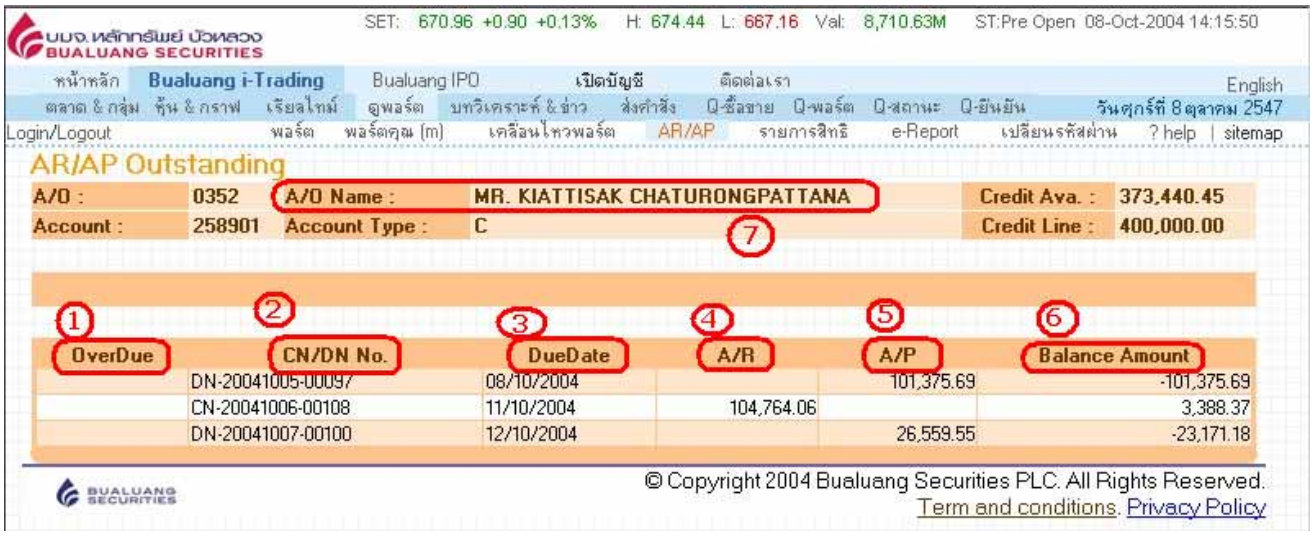



| Purpose: Objective of stock holding | Trans Transaction |
|---|---|
| Sellable | BU (Buy) |
| Pledge | DE (Deposit) |
| Register | EW (Exercise Warrant) |
| Expect Right =XR | GC (Change Customer Status) |
| Cannot Sell | RX (Right Share) awaiting for SET approval for |
| New Share (Not yet a tradable) =PO | SE (Sell) |
| Right stock (awaiting SET approval for trading) | SI (Split In) |
| **Amount: Value of transaction, in Baht** | TI (Transfer In) |
| For Buy: Amount = Unit*Price+Commission+VAT | TO (Transfer Out) |
| For Sell: Amount = Unit*Price - Commission - VAT | WD (Withdraw) |
| For TI,TO,TC,DE,WD: Amount = Unit*Closed Price of the latest trading day prior to transfer or specified by client | XR (Excluding Right) |
| For XR: Amount = 0 | |
| For RX: Amount = Unit*Right Price | |
| **Credit Line: Your today tradable credit, in Baht.** | |
| For Normal Cash: Credit Line = Credit Ava - AR + AP | |
| For Cash Balance: Credit Line = Cash in account - AR + AP | |
| For Cash Collateral: Credit Line = (Cash in account+ Market Value of stock in Port - AR)*100/30 + AP | |
| For Credit Balance: Credit Line = Purchasing Power = (( Cash Balance + Market Value - Loan) - Margin Required)* Initial Margin Rate of SET; Margin Required = Market Value of each share*Initial Margin Rate of each share | |

### e.23) AR/AP (Account Receivable – Payable)

The page provides due date, amount, and document number:

1. Overdue
2. DN is for Debit Note and CN is for Credit Note.
3. Due Date: The date that your bank account will be credited or debited.
4. A/R Account Receivable
5. A/P Account Payable
6. Balance Amount = A/R – A/P
7. Your account officer (contact point)

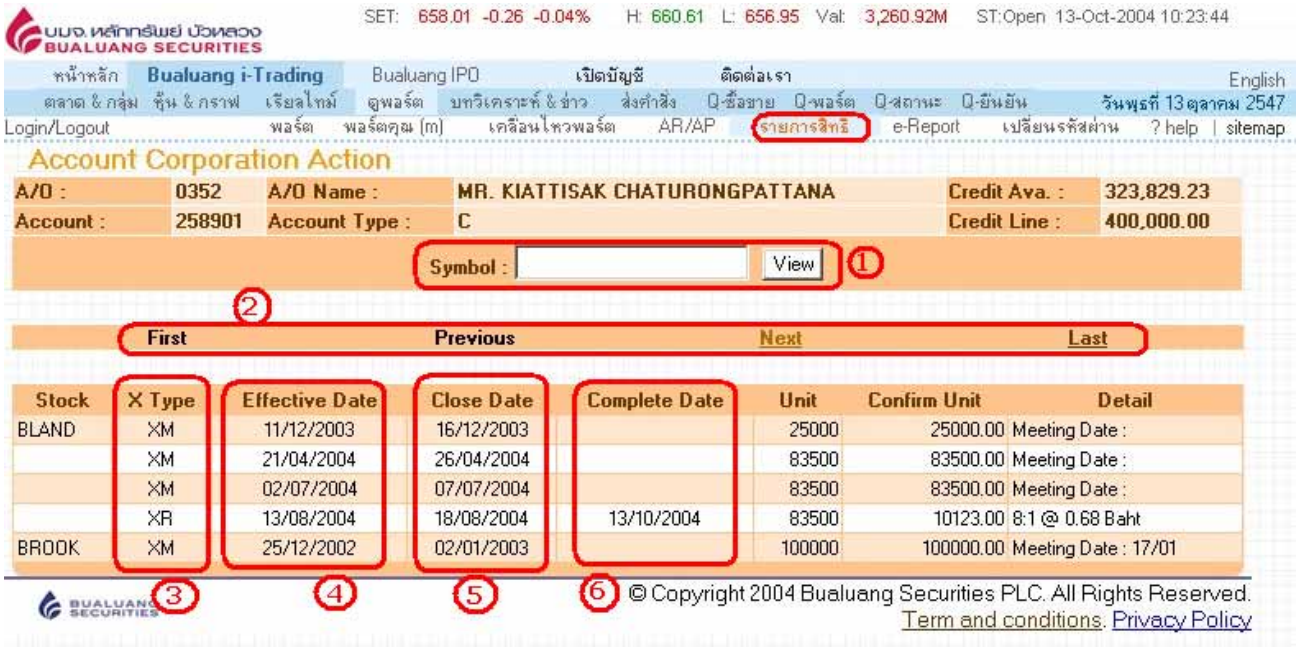



### e.24) Acc Corp Action

The page provides list of rights the account owner has gained

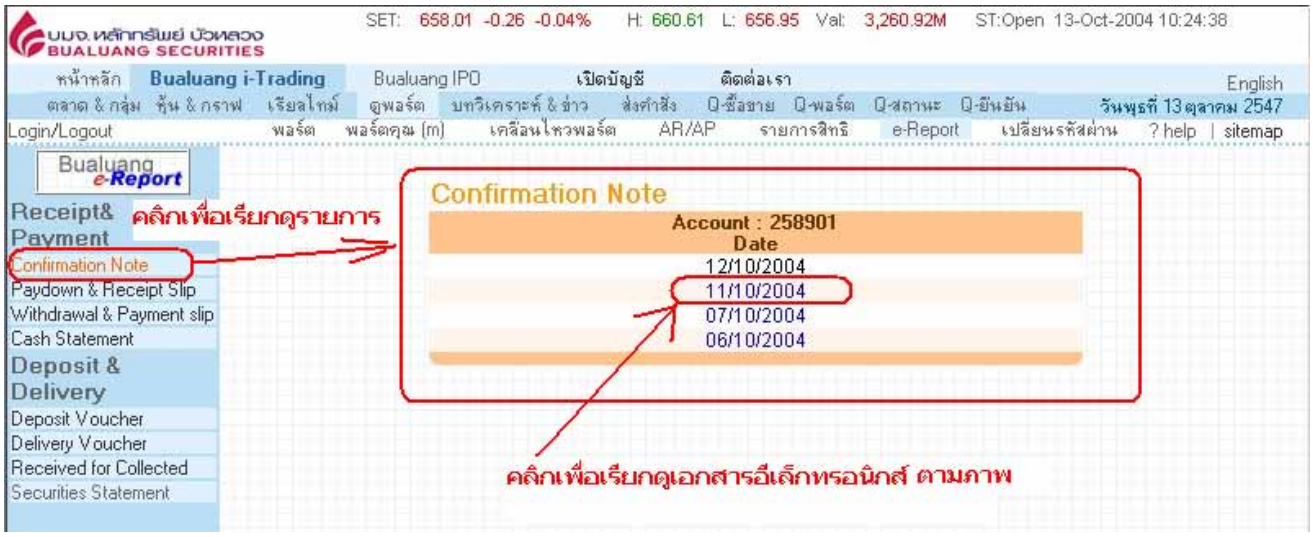
1. You may enquire detail of a specific stock by inputting a symbol.
2. Page change buttons.
3. X Type: Sign of rights. Please see the below table.
4. Effective Date: Sign posting date.
5. Close Date: Book closing date.
6. Complete Date: The date that the action has ended.

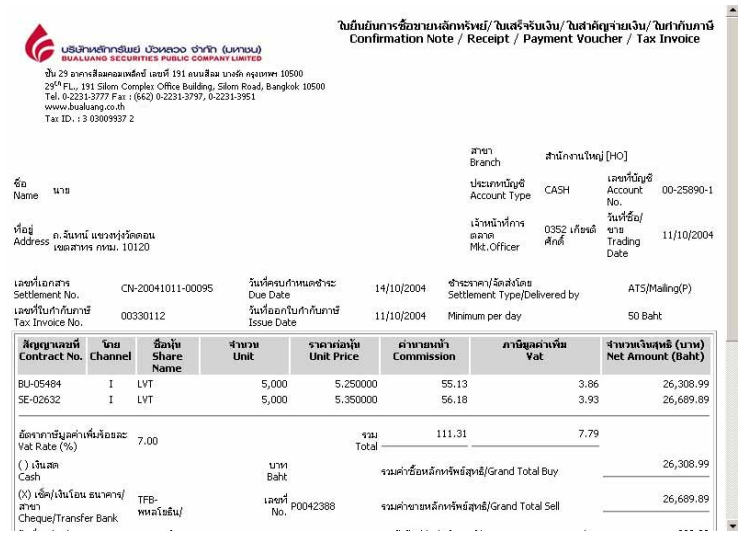
| X Type | Signs that the SET posts on a stock 3 days before the stock 's book closing date in order to warn investors that on that day buyers of the stock are not entitled to the particular rights to be given to investors in the forthcoming book |
|---|---|
| XA (Excluding All) | Buyers are not entitled to all rights prescribed at the time |
| XD (Excluding Dividend) | Buyers are not entitled to dividend payment |
| XI (Excluding Interest) | Buyers are not entitled to interest payment |
| XR (Excluding Right) | Buyers are not entitled to pre-emptive rights in subscribing for new share issues |
| XS (Excluding Short-term Warrant | Buyers are not entitled to pre-emptive rights in receiving warrants offered |


SET: 658.01 -0.26 -0.04% H: 660.61 L: 656.95 Val: 3,260.92M ST:Open 13-Oct-2004 10:23:44
Bualuang i-Trading
Account Corporation Action
A/O : 0352
A/O Name : MR. KIATTISAK CHATURONGPATTANA
Account : 258901
Account Type : C
Credit Ava. : 323,829.23
Credit Line : 400,000.00
Symbol :
View
First
Previous
Next
Last
Stock | X Type | Effective Date | Close Date | Complete Date | Unit | Confirm Unit | Detail
BLAND | XM | 11/12/2003 | 16/12/2003 | | 25000 | 25000.00 | Meeting Date :
XM | 21/04/2004 | 26/04/2004 | | 83500 | 83500.00 | Meeting Date :
XM | 02/07/2004 | 07/07/2004 | | 83500 | 83500.00 | Meeting Date :
XR | 13/08/2004 | 18/08/2004 | 13/10/2004 | 83500 | 10123.00 | 8:1 @ 0.68 Baht
BROOK | XM | 25/12/2002 | 02/01/2003 | | 100000 | 100000.00 | Meeting Date : 17/01
© Copyright 2004 Bualuang Securities PLC. All Rights Reserved.
Term and conditions. Privacy Policy

### e.25) e-Report

The page provides electronic confirmation documents of the account. The reports are available only for clients who apply for Bualuang i-Trading service.

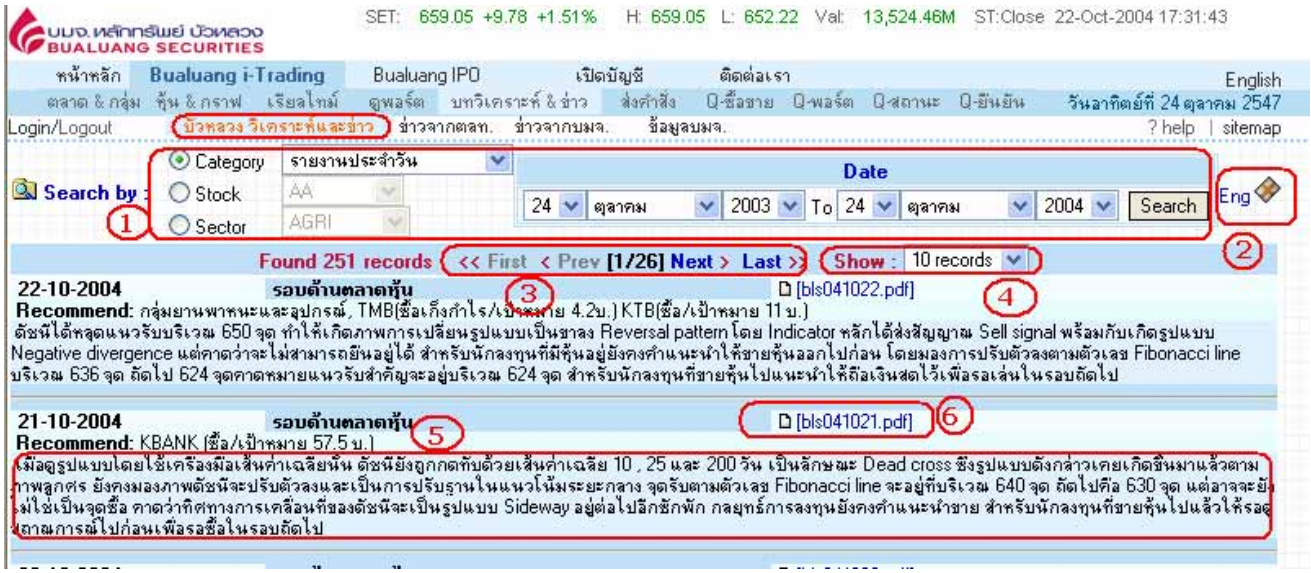




ใบยืนยันการซื้อขายหลักทรัพย์/ ใบเสร็จรับเงิน/ ใบสำคัญจ่ายเงิน/ ใบกำกับภาษี
Confirmation Note / Receipt / Payment Voucher / Tax Invoice
Tax ID. : 3 03009937 2
Settlement No. CN-20041011-00095
Due Date 14/10/2004
Tax Invoice No. 00330112
Issue Date 11/10/2004
Minimum per day 50 Baht
Contract No. | Channel | Share Name | Unit | Unit Price | Commission | Vat | Net Amount (Baht)
BU-05484 | I | LVT | 5,000 | 5.250000 | 55.13 | 3.86 | 26,308.99
SE-02632 | I | LVT | 5,000 | 5.350000 | 56.18 | 3.93 | 26,689.89
Total 111.31 7.79
Vat Rate (%) 7.00
รวมค่าซื้อหลักทรัพย์สุทธิ/Grand Total Buy 26,308.99
รวมค่าขายหลักทรัพย์สุทธิ/Grand Total Sell 26,689.89

### e.26) BLS Research & News

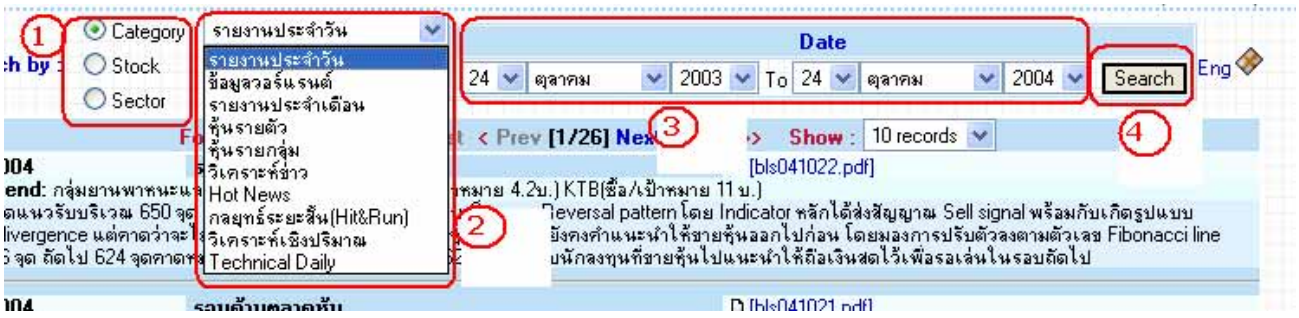
The page provides access to all BLS research publication and news:

1. Research selector functions
2. Language selector button
3. Page change button
4. Function to specify number of research publication per page for display
5. Brief of each publication.
6. Link to the full publication in PDF format.




How to use research selector function in steps:

1. Select Category, Stock, or Sector.
2. Select the name of a publication, a stock abbreviation, or a sector abbreviation
3. Specify the search period
4. Click "Search" button



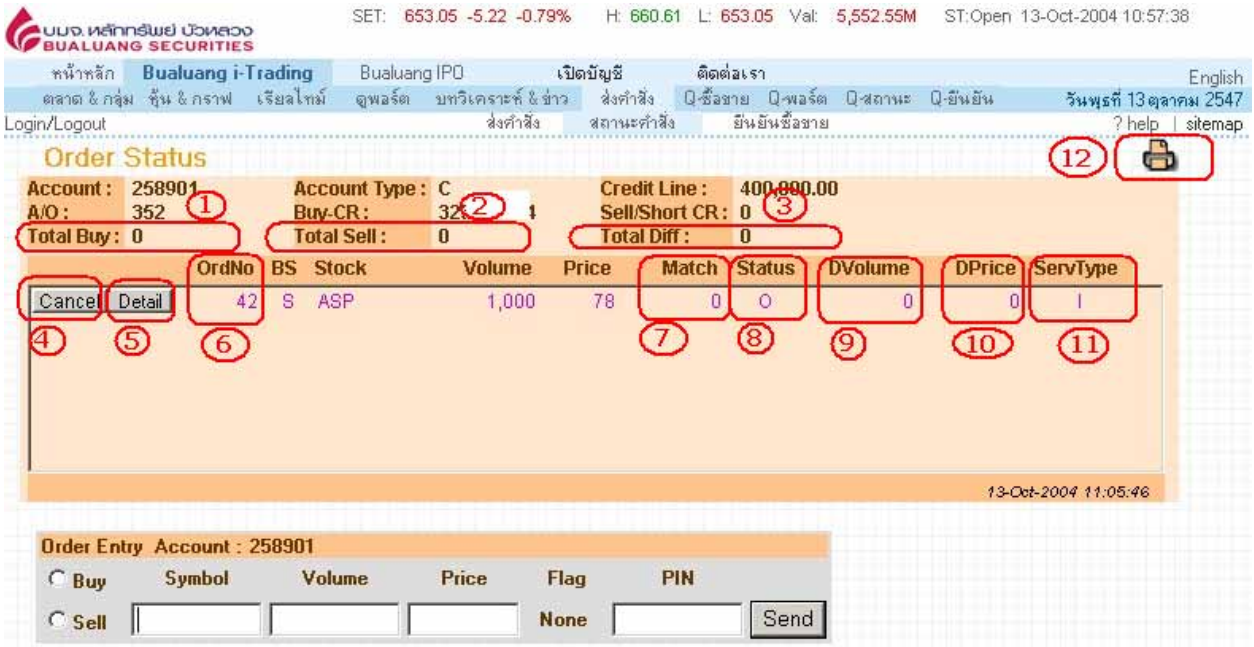
### e.27) Place Order

SET: 658.69 +0.42 +0.06% H: 660.61 L: 656.95 Val: 3,746.49M ST:Open 13-Oct-2004 10:38:35
BUALUANG SECURITIES
หน้าหลัก Bualuang i-Trading Bualuang IPO เปิดบัญชี ติดต่อเรา English
ตลาด & กลุ่ม หุ้น & กราฟ เรียลไทม์ ดูพอร์ต บทวิเคราะห์ & ข่าว ส่งคำสั่ง Q-ซื้อขาย Q-พอร์ต Q-สถานะ Q-ยืนยัน วันพุธที่ 13 ตุลาคม 2547
Login/Logout ส่งคำสั่ง สถานะคำสั่ง ยืนยันซื้อขาย ? help | sitemap
bbl Ok
MARKET BY PRICE : BBL BANGKOK BANK PUBLIC CO., Type : S Flag :
VOLUME BID OFFER VOLUME PRIOR OPEN HI/LO CE/FL L/SP/P VOLUME PRICE TIME
367,800 93.50 94 17,300 94 94 94 122 100 1,000 94 10:38
391,600 93 94.50 89,000 93.50 66 0.50 1,000 94 10:38
210,500 92.50 95 198,000 93.98 10 300 94 10:38
VOL VAL(M) AVG.PR. DEALS LAST BANK 4,000 94 10:37
MAIN 154,900 14.558 93.98 67 94 212.53 400 94 10:37
BUY 116,300 10.932 94 75.08% +0.16 300 94 10:36
SELL 38,600 3.625 93.94 24.92% +0.08% 500 94 10:36
13-Oct-2004 10:38:51
© Copyright 2004 Bualuang Securities PLC. All Rights Reserved.
Terms and Conditions. Privacy Policy
Order Entry Account : 258901
Buy Symbol Volume Price Flag PIN
Sell None Send

### e.28) Order Status

The page provides detail of order status:

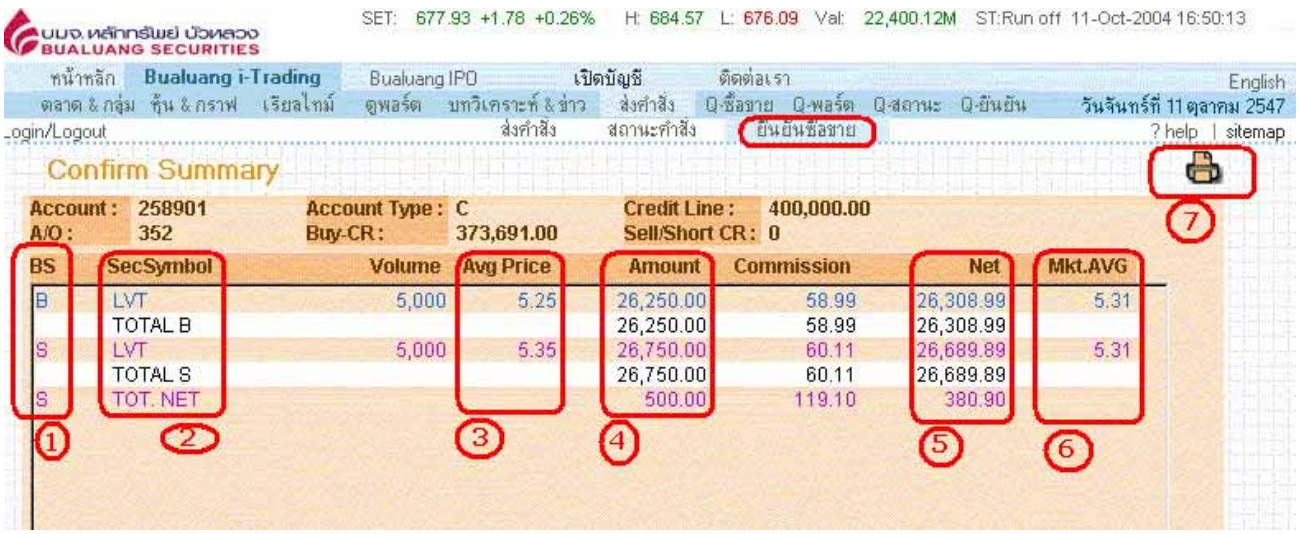
1. Total Buy: Total of today buy transaction
2. Total Sell: Total of today sell transaction
3. Total Diff: Net of transaction
4. Cancel: Order cancel button
5. Detail: Button to view ordering time
6. OrdNo: Order number
7. Match: Number of matched share of this Ord No
8. Status: Status of order
9. Dvolume: Number of share that are dealt at DPrice
10. Dprice: The actual deal price
11. ServType: Order input party; I – client over the Internet, D – Dealer, Account Officer
12. Print command button


SET: 653.05 -5.22 -0.79% H: 660.61 L: 653.05 Val: 5,552.55M ST:Open 13-Oct-2004 10:57:38
BUALUANG SECURITIES
หน้าหลัก Bualuang i-Trading Bualuang IPO เปิดบัญชี ติดต่อเรา English
ตลาด & กลุ่ม หุ้น & กราฟ เรียลไทม์ ดูพอร์ต บทวิเคราะห์ & ข่าว ส่งคำสั่ง Q-ซื้อขาย Q-พอร์ต Q-สถานะ Q-ยืนยัน วันพุธที่ 13 ตุลาคม 2547
Login/Logout ส่งคำสั่ง สถานะคำสั่ง ยืนยันซื้อขาย ? help | sitemap
Order Status
12
Account : 258901
A/O : 352
Total Buy : 0
Account Type : C
Buy-CR : 32
Total Sell : 0
Credit Line : 400,000.00
Sell/Short CR : 0
Total Diff : 0
1 2 3
OrdNo BS Stock Volume Price Match Status DVolume DPrice ServType
Cancel Detail 42 S ASP 1,000 78 0 O 0 0 I
4 5 6 7 8 9 10 11
13-Oct-2004 11:05:46
Order Entry Account : 258901
Buy Symbol Volume Price Flag PIN
Sell None Send

### e.29) Today Confirm

The page provide the summary of today transaction:

1. BS: Summary of Buy side, Sell side, and Net
2. Total B (Total of Buy), Total S (Total of Sell), Tot Net (Total Net)
3. Avg Price: Average price of all transaction of the stock.
4. Amount: Transaction value excluding commission and VAT
5. Net: Amount + Commission + VAT
6. MktAvg: Today market average price of the stock
7. Print command button

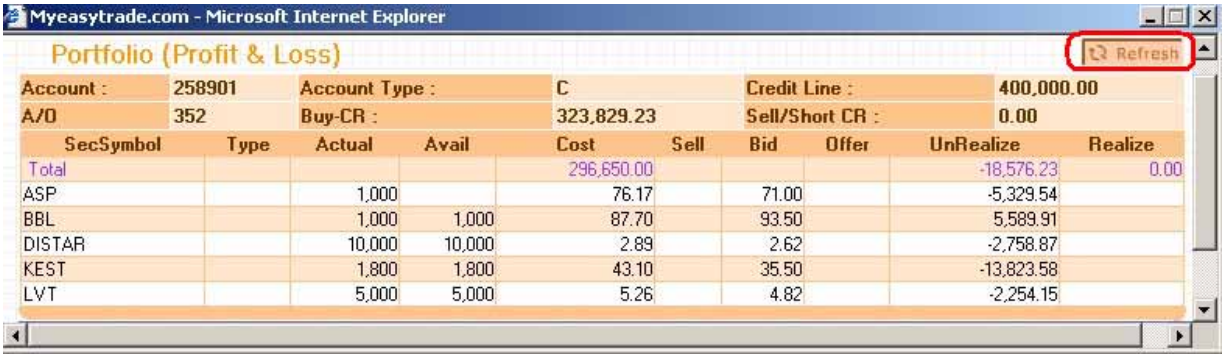



### e.30) Q-Trade

Quick ordering window

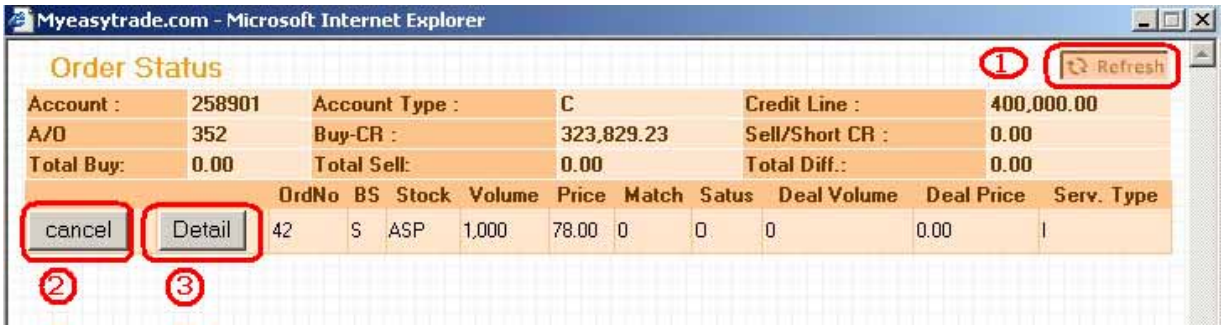
### e.31) Q-Port

This is the Quick window for providing portfolio or account detail. The page does not auto-refresh the data. To update the information, click "Refresh".


Myeasytrade.com - Microsoft Internet Explorer
Portfolio (Profit & Loss)
Refresh
Account : 258901
A/O 352
Account Type : C
Buy-CR : 323,829.23
Credit Line : 400,000.00
Sell/Short CR : 0.00
SecSymbol Type Actual Avail Cost Sell Bid Offer UnRealize Realize
Total 296,650.00 -18,576.23 0.00
ASP 1,000 76.17 71.00 -5,329.54
BBL 1,000 1,000 87.70 93.50 5,589.91
DISTAR 10,000 10,000 2.89 2.62 -2,758.87
KEST 1,800 1,800 43.10 35.50 -13,823.58
LVT 5,000 5,000 5.26 4.82 -2,254.15

### e.32) Q-Status

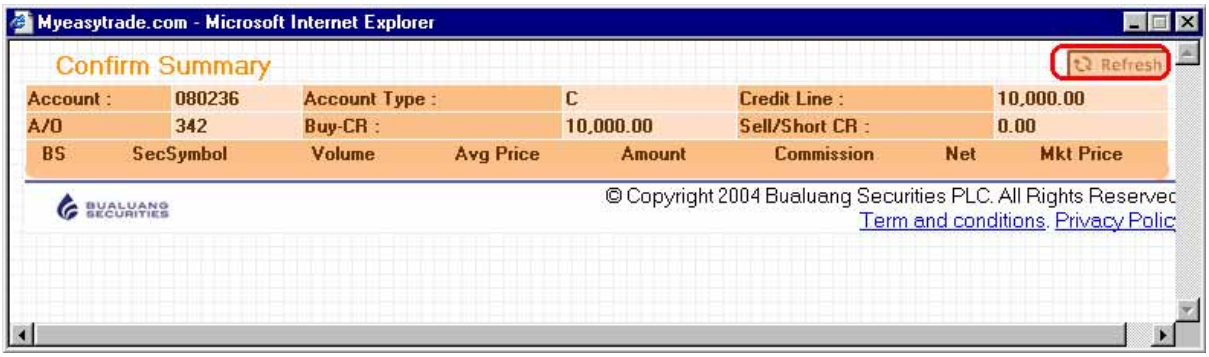
This is the Quick window for providing order status. The page does not auto-refresh the data. To update the information, click "Refresh".


Myeasytrade.com - Microsoft Internet Explorer
Order Status
1
Refresh
Account : 258901 Account Type : C Credit Line : 400,000.00
A/O 352 Buy-CR : 323,829.23 Sell/Short CR : 0.00
Total Buy: 0.00 Total Sell: 0.00 Total Diff.: 0.00
OrdNo BS Stock Volume Price Match Satus Deal Volume Deal Price Serv. Type
cancel
Detail
42 S ASP 1,000 78.00 0 0 0 0.00 I
2
3

### e.33) Q-Confirm

This is the Quick window for providing transaction confirmation summary. The page does not auto-refresh the data. To update the information, click "Refresh".

Please read more detail in Today Confirm.


Myeasytrade.com - Microsoft Internet Explorer
Confirm Summary
Refresh
Account : 080236 Account Type : C Credit Line : 10,000.00
A/O 342 Buy-CR : 10,000.00 Sell/Short CR : 0.00
BS SecSymbol Volume Avg Price Amount Commission Net Mkt Price
BUALUANG SECURITIES
© Copyright 2004 Bualuang Securities PLC. All Rights Reserved
Term and conditions. Privacy Polic